

Massive plan gets go-ahead

PROPERTY developer Stuart Lipton has quietly won detailed planning permission for yet another massive city office development, while the glare of publicity was directed elsewhere.

Work on the Broadgate/Liverpool St development is well advanced and plans for Spitalfields Market have just been announced.

Now Beaufort House Developments (BHD) has been given permission for a 12-storey, 40,000sq m office block at Beaufort House near Aldgate.

BHD is jointly owned by the P&O group's Town & City Properties and Stockley, one of Stuart Lipton's companies.

Designed by Renton Howard Wood Levin Partnership, the development will also include 1,450sq m of retail space.

In addition there will be a landscaped piazza on a 2m span of decking covering a cutting leading to Aldgate and Aldgate East Tube stations.

A spokesman for Beaufort House said it was hoped demolition could start in October with shell and core completion by February 1988.

The client, Blackburn Borough Council, said the flume had been closed after "a spate of accidents", one of which involved five children who needed hospital treatment.

The council's health and safety officer also needed two stitches on his arm after testing the flume, but still thought it safe for public use.

After the flume was closed on August 2, the architects, together with specialist suppliers

Design & Display, were called in to find the cause of the problem. The council's director of leisure services, Eddie Runswick, said the architects had decided to remove a 15ft section after discovering that an acceleration point just before an S-bend was causing people to "flip over and injure themselves".

He said the flume could remain closed for some time while the suspect section was taken out.

Architect Bill Stonor did not, however, confirm that it was this section that was at fault. He said "We are right in the middle of sorting it out" but could not say what had caused the accidents.

Stonor told BD: "Riding on a flume is like a lot of other sports — you do finish up getting the

Water slide closed after 'design fault' accidents

A 200ft "flume" — an enclosed water slide — the major attraction of a new leisure park which opened this month, has had to be closed because of a "design fault".

The park, called Waves, in Blackburn, Lancashire, was designed by Faulkner-Brown Hendy Watkinson Stonor. Other features include a swimming pool, wave machine, giant whirlpool and fountains.

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... signing off ...

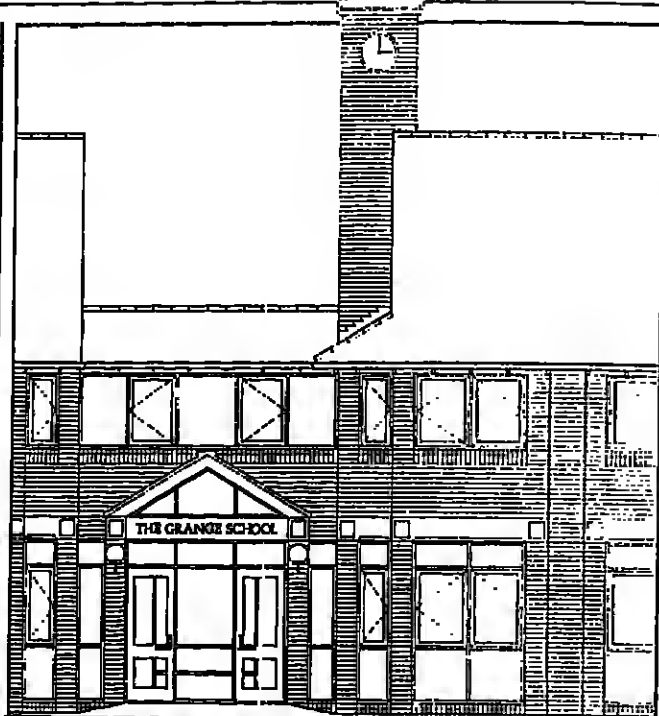
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A royal word

PRINCE Charles has written the foreword for a new book on community architecture published this week by The Times and the Calouste Gulbenkian Foundation.

Community Enterprise is edited by The Times' architectural correspondent, Charles Knevit, and is available free of charge from The Beacon Press, 33 Cliffe High Street, Lewes, East Sussex.



Richard O'Mahony & Partners of Liverpool have beaten 12 other architects to win the competition to design a new sixth form complex for the Grange School in Hertford, Cheshire.

Second-place Paterson Macaulay & Owens of Deighton received £800, and third-placed Ben Naylor Associates of Ormskirk, £500. The winning practice received £1,600 and have been appointed as architects for the scheme.

The competition, which was open only to architects within the RIBA north-west region, was to provide extra accommodation for a developing sixth form with library, administration and teaching facilities.

Promoter of the competition, the school's board of governors, was particularly keen to create a single identifying entity for the schools.

Lambeth staff charged

THREE Lambeth employees, two in positions, have been charged with connection with the council time and materials.

Extensive investigation by the council and Surrey police led investigators to more than £2,000 worth of property stored in a worker's garage.

As a result of the investigation, including the manager of Kenningfold Maintenance Depot, was charged.

Lambeth council said it was continuing to investigate people connected with the neighbourhood depot, 18 months.

More charges are expected within four weeks. Lambeth has promised investigation of all its maintenance offices.

BUILDING DESIGN

No 801

English Heritage in Palumbo attack

ENGLISH Heritage officers have given a cold reception to Peter Palumbo's new proposals for the Mansion House Square area in the City but will not be making any formal objection.

In a report to the London Advisory Committee they say that James Stirling's two alternatives for the site — the successor scheme to the Mies plan — "represent a material loss to the historic character of the City".

"Neither scheme comes within the terms of the secretary of state's appeal decision as an acceptable proposal for their replacement," says the officer's report.

But officers have advised members that to withhold listed building consent would "almost certainly fail on appeal" and could result in costs being given against English Heritage.

The rapid deterioration of buildings on the site also makes the case for preservation increasingly difficult to argue, says the report.

Of the alternative designs, officers prefer the scheme which retains the Mappin & Webb building, and say that listed building consent for the building's demolition would not be given if the alternative was adopted.

Officers' opposition to Stirling's scheme backs up earlier comments made by Save and the Victorian Society.

The City planning committee yet to consider the proposals, which have won backing from the Royal Fine Art Commission.

... as he plans a pick-me-up for penguins

DEVELOPER and patron Peter Palumbo has offered to restore the Penguin Pool at London Zoo, designed by Berthold Lubetkin in 1934.

Work would be carried out by the co-operative practice Avanti Architects, who have already discussed the proposals with 85-year-old Lubetkin.

Apart from general restoration, the original nesting boxes and diving tank are in need of urgent repair.

The London Advisory Committee was considering Palumbo's offer, alongside his proposals for Mansion House Square, this week.

Full-time make up just over

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Edinburgh Festival

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Rostrum

Your neighbours' sex lives can seriously damage your health, according to Dr John Kellest, organiser of a conference on the effects of building design on health and behaviour. Fiona Gorman reports.

Housing can kill

BAD housing can cause premature death.

The more densely populated the area you live in, the more likely you are to have a heart attack.

People living in blocks of flats are more likely to suffer respiratory ailments, skin diseases and psychiatric problems than people in houses.

Residents of houses are more prone to orthopaedic complaints such as sprains and fractures.

People living in areas of high population density but low crowding, such as tenements, are more likely to commit suicide or be schizophrenic.

More people are likely to die accidentally in areas of large working class communities.

These are just some of the findings of Dr John Kellest, consultant psycho-geriatrician at St George's Medical School, South London. Kellest has carried out an exhaustive seven-year study of mortality rates and the relationship between premature deaths — those before the age of 55 — and housing conditions in the London boroughs. The investigation took place, says Kellest, at a time when smoking was fairly evenly distributed across the boroughs and the social classes.

Taking mortality figures from the 1971 census, the mid-year of his investigation, as mean overages, Kellest divided the population into two age groups — 15 to 54-year-olds and 55 to 64-year-olds — male and female, and looked at total mortality rates and deaths as a result of specific illnesses.

Kellest assessed these figures according to social class (and therefore wealth), levels of crowding (the number of persons per room), and density (the number of persons per acre). His breakdown of complaints covered various types of heart disease, cancers, respiratory ailments, orthopaedic illnesses, suicides and accidental deaths.

The study did not distinguish between the boroughs, nor did it differentiate between low- and high-rise blocks of flats.

Kellest points out that not all illnesses are affected by social factors. Breast cancer, for example, bears little relationship to stress caused by crowding and density, but heart attacks and respiratory ailments are directly linked.

Drawing on his studies of animal behaviour and their instinctual response to the environment — dominance and aggression — Kellest looked at stress levels according to how easily people could control the intimacy of their living conditions.

If, for instance, a man lived in a block of poorly-built flats in which he had to hear his neighbours make love at night and then face them next morning in the lift, did that increase the likelihood of his suffering stress-related illnesses? And did residents of terraced houses with their own gardens — areas of neutral space where they could choose who they wanted to associate with — suffer significantly less of the same ailments?

Indoors more, or because they lose contact with their children playing at ground level, causing anxiety. Elderly people, however, find it comforting in flats, surrounded by other people.

In densely-populated areas, says Kellest, the more people who run cars, the lower the number of deaths through psychiatric illnesses. This is attributed to the "escape from stress" factor.

Isolation brings its own risks. Suicide — an escape route predominantly taken by the wealthy — was found to be significantly higher in areas of dense population but low crowding, such as tenements. Schizophrenia was also found to be more common in areas with a lot of rented furnished accommodation and a transient population, like Earls Court.

Kellest points out that certain considerations have to be taken into account when judging these variations in the accuracy of the death certificates. Premature deaths tend to be more thoroughly investigated and reported than mortalities in the 55-64 age range, which are often put down to pneumonia or heart attack without further detail.

And, with the exception of acute conditions, one cannot assume that someone suffering from a particular complaint in a certain type of accommodation does so as a result of his home. A man with bronchitis in a certain type of accommodation does so as a result of his home. A man with bronchitis in a ground-floor flat may have moved there because he suffers from that ailment.

Since all such studies can throw out freak statistics, Kellest insisted that his research had to produce figures "significantly" higher or lower than those established in the census to give any valuable information.

But he concludes that a badly-designed city is one in which people are either foisted on one another or left in isolation. A well-designed city allows people to choose the relationships they want.

His findings are backed up by the work of two other researchers — N.C. Moore, an army physician, D.M. Fanning. In the 50s Fanning looked at the changes in consultation rate with the doctor when army families were moved from terraced housing to blocks of four-storey flats. He found the consultation rate increased by 57 per cent. Moore found that people rated their health and social life as poorer when they lived in blocks of flats.

Kellest's study revealed that women with children suffer particularly in flats, especially the higher they live. This is either because the children are kept

indoors more, or because they lose contact with their children playing at ground level, causing anxiety. Elderly people, however, find it comforting in flats, surrounded by other people.

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News



Local planners pitch in

When is a flat roof not a flat roof? When it's a petrol station which has to meet the requirements of the local planning committee. Presumably the directive from Wansdyke planning committee that anything on the site of the Balbeasco service station, near Bath, should have a pitched roof, was to ensure that the development complemented its neighbours. But why stop there? A few more walls of Bath stone and styling would surely have rendered the garage even more suitable for its location, it is not its purpose. (Photo courtesy of Ordulac sheeting)

Labour offers more power to councils

MORE planning controls and an expansion of the role of local authorities are the cornerstones of Labour's new environment policy, launched this week by shadow environment secretary Dr John Cunningham.

He promised radical changes, making the environment a "big issue" at the next general election.

Labour says it wants to encourage "people-centred design", but will be handing local authorities the power to make aesthetic judgments.

It intends to set up a specialist ministry of environmental protection.

By Amanda Ballileu

tection, return a strategic authority to London, abolish urban development corporations and replace them with "public action zones".

Some of the new policies are clearly borrowed from the old Greater London Council, particularly those affecting green belt, transport and planning, and policies geared to take account of race, gender, and disabilities.

An improvement in design standards, quality and materials, measures to prevent the destruction of historic buildings and the introduction of schemes to help towards their upkeep are all part of Labour's good intentions.

Cunningham would not say if Labour would be adopting community architecture, but the policy statement mentions tenants' leading role in dealing with housing improvements.

Other proposals include:

- better monitoring and enforcement of pollution control, with higher standards covering asbestos, water and air pollution;
- two new national agencies — an Environmental Protection Service and a Wildlife & Countryside Service.

Hackney grant

A DEVELOPMENT of shops and flats on a derelict site in Hackney is getting the go-ahead with the aid of a £125,000 Urban Development Grant. The grant will support private sector investment of £250,000 to build three shops, with four two-bedroomed maisonettes above, in Broadway Market.

Tower scheme upsets Chicago's big-timers

PLANS for America's highest concrete tower in Chicago have upset top architects SOM and Helmut Jahn.

The two firms are used to designing almost everything of

Restoration blocked by listing

A LOCAL restoration project near Bristol has been brought to a halt by English Heritage, claims a local conservation body.

The Avon Industrial Buildings Trust planned to restore the 18th century brass mill, attracting grants of more than £150,000.

After the scheme was presented, English Heritage listed the mill as an ancient monument, but refused to approve the restoration scheme.

The £150,000 funding package has now collapsed, and the future safety of the building is in doubt, says the trust.

English Heritage has not yet produced proposals for funding and running the mill as an ancient monument.

Sacking unfair

PRESTIGIOUS Glasgow practice Keppie Henderson has been found guilty of unfairly dismissing senior architect Brian Grant for alleged bad time-keeping and poor work performance. Grant, an employee with the firm for 20 years, was given two hours' notice last December.

Now Canary Wharf details go to LDDC

THE first detailed planning applications for part of the Canary Wharf scheme reached the London Docklands Development Corporation last week.

Drawings by architects YRM show plans for a two-level road interchange, 550sq m of shopping and a landscaped riverside walk.

The Canary Wharf Development Company is also asking for outline planning permission for 127,000sq m of offices and 6,700sq m of commercial space — representing roughly 20 per cent of the whole development.

Both applications are on land outside the Isle of Dogs Enterprise Zone and will be considered by the LDDC — as planning authority — later this month.

Merseyside gold award

THE Gold Medal and European prize for Preservation of Historic Monuments has been awarded to the Merseyside Development Corporation for its restoration of the Albert Dock complex.

The £100 million 10-year restoration has been overseen by architects Franklin Stifford Partnership and carried out by the Albert Dock Co, a member of the Arrowcroft Group, in conjunction with the MDC.



Hospital wins gold medal

THE new £1.3 million community hospital at Mold, Chwyd, has been awarded the 1986 National Award for Architecture, presented to the Welsh Health Commission Services Authority architects.

The 40-bed hospital has replaced the 19th-century style wards with a diagonal layout of eight bed areas, so that a centrally placed nurse can see all the beds while still affording the patients some privacy.

The centre has been styled on suburban housing to be less intimidating to patients and it includes a geriatric day hospital, occupational therapy, physiotherapy, X-ray, out-patients and casualty.

More competition likely

MOVES to increase competition between the building professions have been announced by the Office of Fair Trading.

A new OFT report says that "in some cases existing restrictions are unnecessarily limiting competition between members of professions, preventing the development of new ways of providing professional services to clients".

The report recommends a review of the Companies Act to see whether an amendment to remove impediments to multi-disciplinary professional partnerships would be justified.

Restrictions on the kind of organisations through which members of professions may offer their services is available from the OFT, Chancery Lane, London WC2.

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News

Scramble for sites near Exeter could prompt full inquiry

A FIFTH developer has unveiled plans for a massive out-of-town shopping centre for Exeter — almost certainly prompting a public inquiry.

The latest scheme, fronted by Deepdene Property Consultants and designed by Renton Howard Wood Lewin Partnership, covers an area of nearly 80ha and would involve an investment of £150 million over 15 years.

A spokesman for Deepdene said the development next to Exeter airport would involve retail, leisure and industrial use and a detailed planning application would be lodged with East Devon District Council at the end of September.

But its chances of success would be severely damaged if the £50 million Metro Centre at Maford is given planning permission when it goes before Teignbridge District Council on September 15.

Designed by Brian Clouston & Partners, the centre would cover 36,000sq m and involve leisure and retail elements following the pattern of the Gateshead Metro by the same developer.

This development could be

calmed, though, by a public inquiry which has been called over a third scheme in Sowton.

Deepdene's spokesman was

By John Wood

confident that the inquiry would be widened to cover all five proposed developments.

The Sowton scheme, Centre West, was designed by MWT and comprises 36,000sq m of shopping space next to existing stores. A planning appeal is due to be heard in February.

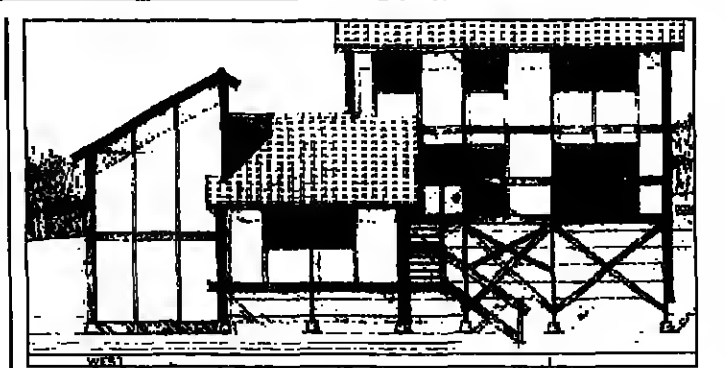
The developers of this scheme, EBC Developments, have

also offered the city a "sweetener" with the proposal for a £50 million shopping centre on the 2ha bus station site in Exeter city centre.

EBC's proposals are favoured by the city's chamber of commerce, together with another MWT scheme at Monkerton on the outskirts of Exeter.

The fifth scheme would involve the redevelopment of Digby Hospital.

The South West Regional Health Authority is looking for a partner to develop the site and has shortlisted the Principal, Sheerwater Property Holdings and Capital & Counties.



'Alien' house refused

Despite acknowledging its good design, Bridgton District Council has denied planning permission for this handsome Walter Segal-type house. Designed by Brook Associates for a self-built client, the timber-framed house would stand on a steeply sloping site near Ironbridge.

But council planners said that although the design was not bad and the issues finely balanced, it was alien to the predominantly brick and tile area. They denied planning permission because it was out of character by reason of its scale, design and materials.

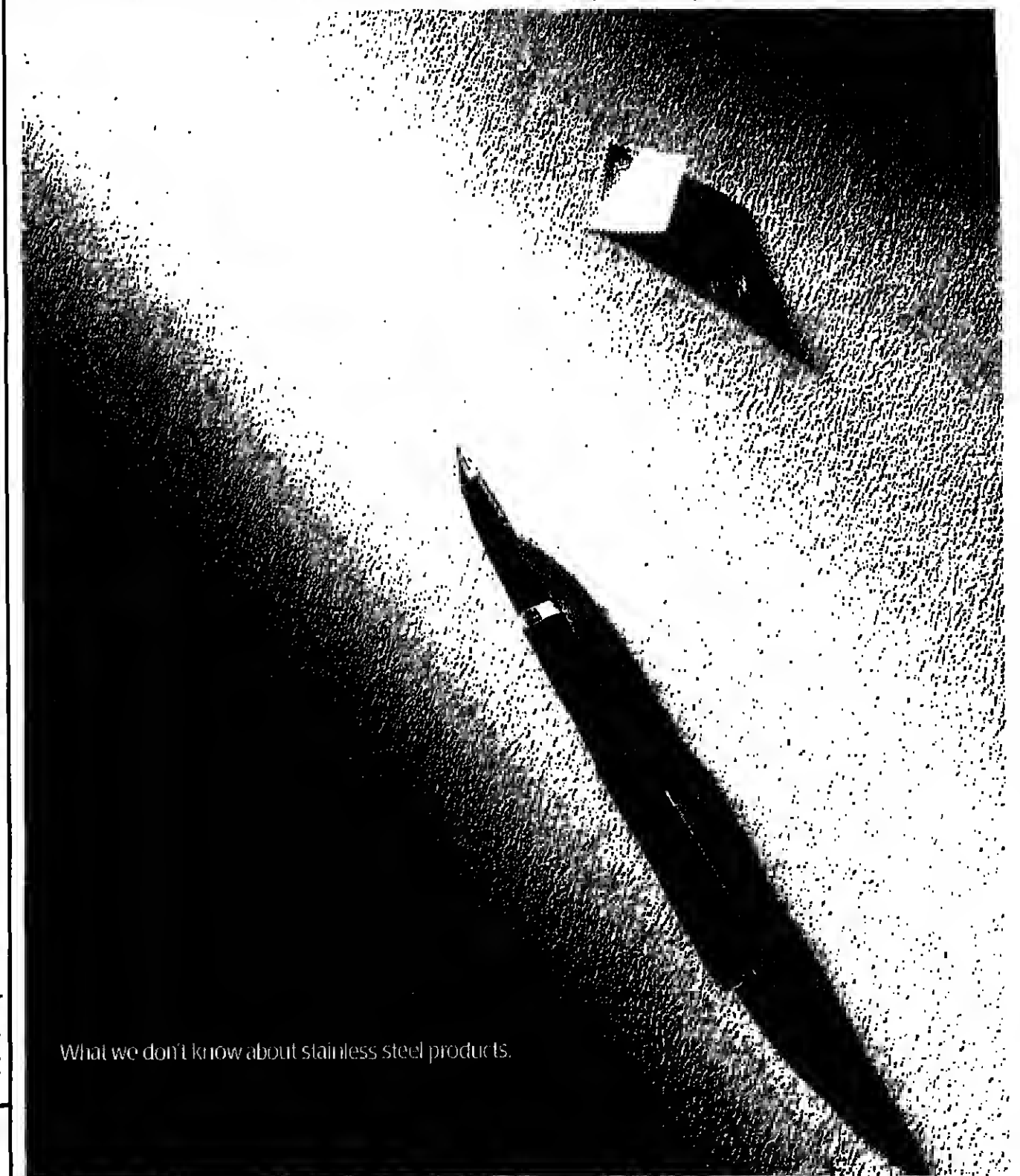
An appeal has now been lodged with the secretary of state.

BDP's Eastbourne giant

BUILDING Design Partnership has prepared a masterplan for a £200 million marina and residential development of the Crumbees Harbour Village, a 160ha beachfront in Eastbourne.

Developer Tarmac, with Enterprise Zone Developments, is seeking financial backing.

The proposed scheme incorporates an outer harbour for 400 vessels and inner marina for a further 500. Plans also include provision of 2,000 homes, a 150-bedroom hotel and a 30,000sq m retail and leisure complex including a multi-screen cinema.



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'Appalling' environment under fire

A NEW City of London environment group says the City's status as a financial centre is being used "as an excuse for appalling environmental conditions".

In a 54-page document the City of London Environment & Amenity Trust (Clean) says it wants to see the City Corporation drop its office promotion policy, which it believes is threatening other land use such as snack bars, small shops and community facilities.

The document, *Mean City?* will form the basis of the trust's case to the public inquiry into the City local plan next March.

George Allen, a City solicitor and the man behind Clean, said: "City people work very hard both for London and Britain. We think we deserve decent and attractive streets and good recreational facilities."

Mean City? costs £7 including p.p. Tel: 01-400 0176.



A super wheeze

The Thirties Society is off on its summer bids to "glorious Blackpool". If you'd like to join the weekend jaunt (September 19-21) with trips to Emberton's super Casino, Hill's spiffing Midland Hotel (above), Fleetwood garden city and Jolly Southport, contact Colin Stanfield on Preston 749148. The cost, including two nights in Blackpool, transport from central London and meals, is about 90 guineas (£50 guineas for couples).

Welsh competition

A COMPETITION for Welsh architects who have passed RIBA Part II Part III but have not been qualified for more than five years has been announced.

The Society of Architects in Wales and Neobond are offering a cash prize of £350 or photographic goods worth £400.

The subject will be "the design of a mural translated into ceramics" related to the new South Glamorgan County Council headquarters and using the sponsor's products.

Details from the regional secretary, Richard Fairbank, (0222) 762215.

Meter mad

BIRMINGHAM council engineers have been told to take down large explanatory signs about the world's first credit card parking meters, erected in front of listed city buildings, after a series of complaints.

Inquiry finds for Hackney on community site office

A PUBLIC inquiry into the Hackney community site office has been hailed as a boost for community architecture by the winner, Rod Hackney.

He feels a precedent may have been set which will allow community architecture offices to be established within residential communities where they are of benefit to the neighbourhood.

Hackney had appealed against an enforcement order by Macclesfield council relating to two of his practice's offices.

He wanted architects to be on-site to make them accessible to the community, but the council objected to the use of houses as offices.

The secretary of state

Spitalfields 'ploy' fails to impress Georgians

THE Georgian Group has denied it is backing Stuart Lipton's rival scheme for the prestigious Spitalfields Market site, despite Lipton's attempt to woo conservationists with an impressive architectural line-up.

Lipton's announcement that developer Roschaugh Stanhope hired Leon Krier to draw up a

masterplan, with individual buildings by Terry Farrell, Quinlan Terry, Jeremy Dixon and Robert Adam, is seen by many to be a deliberate ploy to get the support of conservation bodies.

All the architects on Lipton's list were guest speakers at a symposium on conservation organised by the Georgian Group in Bath earlier this year, and well attended by developers.

The Georgian Group's announcement that it wants "to stay open-minded" follows an article in the *Economist* which

implied that the group's secretary, Roger White, was involved in the Lipton scheme.

White is said to be "upset" by the article, and denies that he had hinted to Lipton that conservationists would like to see "something more acceptable" than the scheme by Richard MacCormac and Fitzroy Robinson (BD July 25) for rival developers London & Edinburgh Trust.

Meanwhile, the relocation of Spitalfields Market is proving the latest thorn in the developers' sides, with both Lipton and LET claiming victory.

Lipton's claims that LET could not legally relocate the market at Temple Mills because of the proximity of Stratford Market has been given short shrift by LET's legal advisers.

They say Stratford Market exists neither under franchise nor statute but by a licence from the City, and cannot therefore legally restrain the establishment of another market nearby.

A spokesman for LET said market traders were keen to move to Temple Mills but had no intention of moving to Stratford — Lipton's latest proposal — as it was a small satellite market.

Applications for the brief must be made between September 1 and October 31, enclosing a fee of £10, refundable on submission of an entry.

Final submission date is December 1.

Inquiries and applications: Competition 86, EPR, 21 Loughan Street, London SW1P 4PE (01-834 4411).

Liberal's cure for housing crisis

THE Liberal Party has attacked Tory housing policies and laid out its own programme for increasing spending and efficiency, giving the maximum possible control of housing stock to its occupiers.

Housing our nation, by architect Mark Hynes, the Alliance candidate for Saffron Walden, says: "The Conservative Government has pursued policies that offer escape to a few, more concentrated despair to the many that remain, and nothing at all to the growing number that miss out completely in the distribution of the nation's housing."

"The housing crisis has now been so well documented that there is no excuse for inaction on the part of government, whatever its colour."

Although the Liberals support private ownership, the report slams the Tory "property-owning democracy" policy as one not based on democratic principles and one that facilitates a genuinely wider ownership.

The balance of housing subsidy has been tilted towards the home-owner through tax relief on mortgage interest and massive discounts on the scale of publicly owned housing, it says. Many people are failing to benefit at all because they have no chance of

becoming first-time buyers and are left to struggle through the inadequately funded private sector.

The report notes that the Duke of Edinburgh's Inquiry into British Housing found that investment in new house building is lower in Britain than in any comparable developed country.

Housing in all forms of tenure is deteriorating. Particular problems exist in the private rented sector, while local authorities face an impossible range of works ranging from treatment for condensation through to major structural repairs.

Most disturbing from the point of view of present Government policy is the evidence that private owner-occupiers are also failing to carry out adequate repair and maintenance work, the report says.

It also claims that the Government has cut public-sector housing expenditure in real terms by 54.6 per cent between 1979 and 1985.

Last year, the Liberal Assembly passed a motion which declared that individuals should be able to own or rent a home but above all should be able to exercise control over their homes.

To do this and to deal with an increase in

the spending programme, the Liberals propose:

- Creation of a Department of Housing headed by a minister of cabinet rank.
- Establishment of regional strategic housing plans backed by regional funds.
- Expansion of the housing investment programme.
- Inclusion of an assessment of housing developments in the context of local housing needs.
- Establishment of priority needs areas for public finance and the restoration of income cut from housing expenditure.
- Encouragement of private investment in housing.
- Expansion of the co-operative housing movement.
- New powers to bring empty properties back into use.

Meanwhile the Liberals have also called for a new strategy on NHS building replacement, with a five-year capital programme of up to £2 billion proposed.

The party's health panel wants "Nucleus" design hospitals, and extra effort on energy savings. It notes that the existing stock is pre-1918.

Alan Thomas

City's 30s revival

An echo of the 1930s is likely to dominate the modern buildings round Aldgate Station following the approval of Ruxton Howard Wood Levin Partnership's Beaufort House plans (News August 15). A joint venture by the P&O Group's Town & City Properties and Stackley, one of Stuart Lipton's companies, the development will offer 40,000sq m of office space.

Pictured above is a model of the 12-storey development which will replace the building now occupying the site. At the top of the ground-floor plan (right) is a landscaped plaza constructed on decking over the Tube line including a round granite and stone water feature. The elevation from the plaza (below right) shows the arched entrance to the building flanked by glazed wings.

Searching for ideas

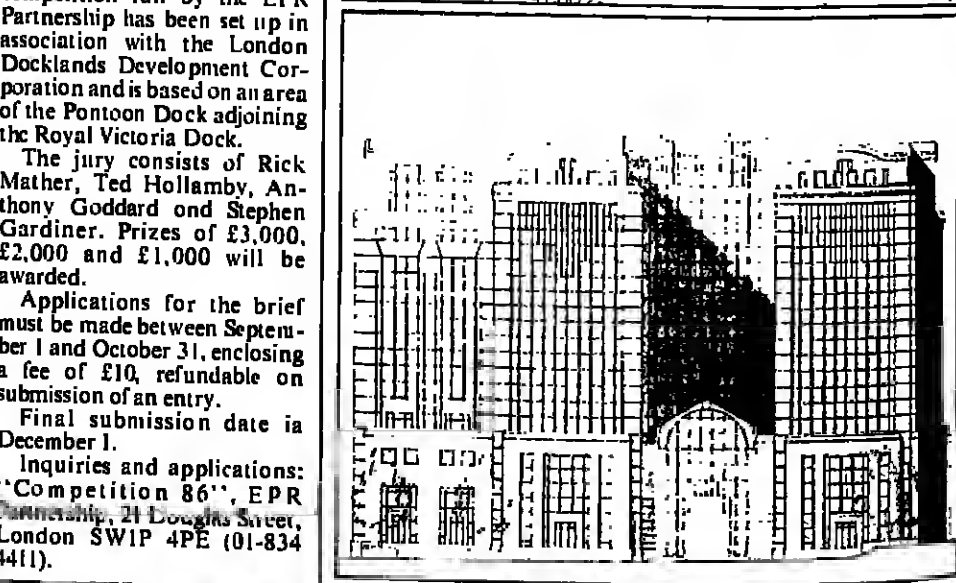
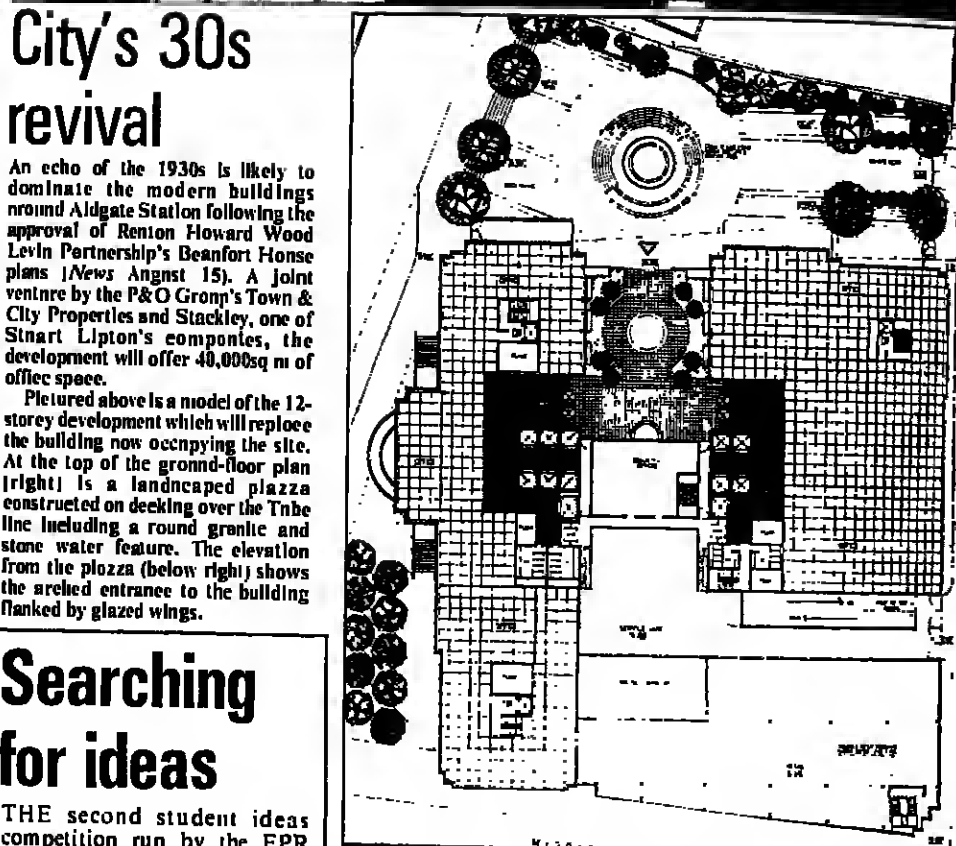
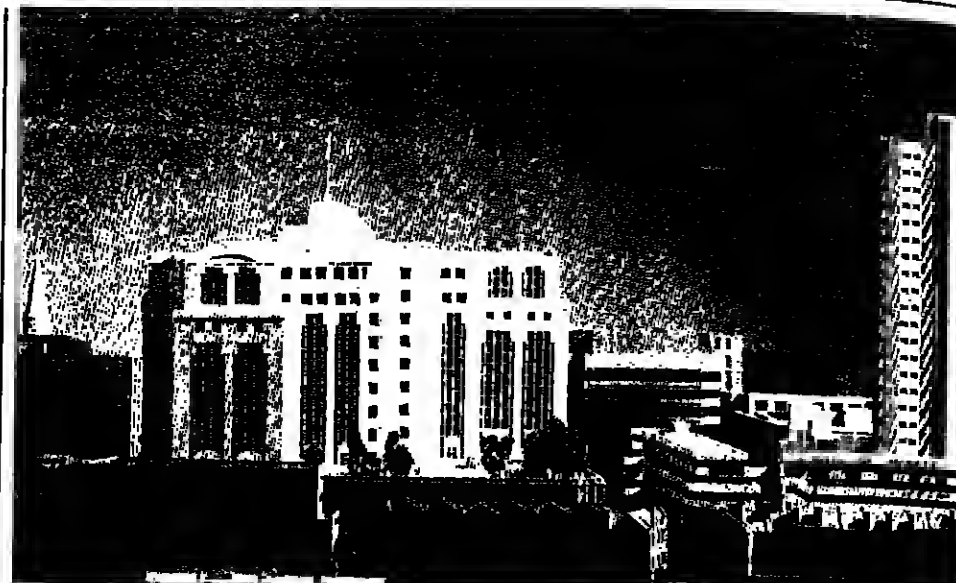
THE second student ideas competition run by the EPR Partnership has been set up in association with the London Docklands Development Corporation and is based on an area of the Pontoon Dock adjoining the Royal Victoria Dock.

The jury consists of Rick Mather, Ted Hollamby, Anthony Goddard and Stephen Gardiner. Prizes of £3,000, £2,000 and £1,000 will be awarded.

Applications for the brief must be made between September 1 and October 31, enclosing a fee of £10, refundable on submission of an entry.

Final submission date is December 1.

Inquiries and applications: Competition 86, EPR, 21 Loughan Street, London SW1P 4PE (01-834 4411).



Historic sites at risk

IMPORTANT archaeological sites risk being bulldozed for new roads and motorways, claims the Association of County Councils.

The ACC wants the Department of Transport to fund the cost of excavations before road construction, or else allocate funds to the Historic Buildings & Monuments Commission.

The commission, which is responsible for excavation projects, said developers were increasingly having to pay for archaeological work because it did not have enough Government funding.

City space demand up

THE demand for office space in the City was exceptionally high last month, according to property consultants Debenham, Tewson & Chinoeks.

Space taken up in July totalled 81,000sq m, compared with 36,000sq m in June. Nearly 40 per cent of space is now let before the building becomes available.

New report criticises telephone box loss

THE Thirties Society has slammed the DoE for its "lethargic and inadequate" efforts to save traditional red telephone boxes.

In a new report, *The British telephone box, take it as red*, it complains that after 18 months of consultation only eight out of 60,000 boxes have been listed, while British Telecom regions have replaced up to 120 boxes a week.

The society believes the boxes are of historic interest, describing the 1924 and 1935 designs by Sir Giles Gilbert Scott — architect of Liverpool's Anglican Cathedral and Battersea Power Station — as superb examples of Classical design.

The report is highly critical of the DoE's collaboration with BT in the selection of boxes. "This is unique in the listing procedure," it states. "In no other case is poacher invited to act gamekeeper as well."

It also claims that boxes which sell for between £150 and £450 in England fetch £3,000 in



This is a model of Apex Plaza, the 18,000sq m office scheme which forms an integral part of the £50 million redevelopment of Reading Station being undertaken by British Rail and the Prudential.

Apex Plaza, designed by the Prudential's in-house architects, will comprise four seven-storey buildings, surrounding a light and spacious atrium. The buildings have been designed so that they can be occupied as a whole or individually.

The central atrium will incorporate water features, four wall-climber lifts, eight high-speed lifts, and extensive interior landscaping. The building's lower elevations will be clad in grey-pink granite and above street level the offices will feature alternating bands of silver-pink aluminium panels and blue glazing — designed to blend in with the Reading Station development.

Alan Thomas

Mackintosh 'copy' angers Glasgow tea-room owner

THE owner of the legendary Willow Tea Rooms in Glasgow, designed by Charles Rennie Mackintosh, is threatening to sue over a neighbouring scheme for a Mackintosh-inspired "food court".

Tea-room owner Anne Halliday told BD that the architects of the newly refurbished Sauchiehall centre, Bradshaw Rowe & Harker, were "cashing in on the Mackintosh name".

She said their plans for a Willow Tree food court could confuse the thousands of tourists who flock to the original tea rooms only 50 yards up the road.

The Liverpool-based architects confirmed that Mackintosh has been "the inspiration behind the designs". But architect Malcolm Phelan said the Willow tree had been chosen as the name — and for the centre's logo — only because Sauchiehall is the Gaelic for willow tree meadow.

But Halliday is unhappy with this linguistic explanation and is still concerned that the architects have reproduced the tea rooms using the name "Willow" as a ploy to lure in Mackintosh fans.

The letting agents, Bernard Thorpe, confirmed that the food court will have similar finishes to the tea rooms, including a copy of the original Mackintosh floor.

Halliday also said her solicitor, who has seen the designs for the food court, could confirm that copies of Mackintosh furniture have also been included.

Although the glossy brochure advertising the Sauchiehall centre emphasises Mackintosh's influence, the most dramatic change is the new retail layout, creating open shopping malls on three levels linked by a scissor arrangement of escalators and a glazed vista lift.

A spokesman from Bernard Thorpe thought the shopping

centre could "only boost the tea room's trade" but said the food court would be renamed before the case reached the courts.

Sauchiehall's lavish refurbishment — which at £8 million is costing more than the original shopping centre built in 1978 — was prompted by the closure of a major Glasgow department store, and claims to be — along with the Burrell Collection — part of Glasgow's "very real Renaissance".

By Amanda Bailieu

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By Amanda Bailieu

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Study on urban policies

DEVELOPMENT consultants Urban & Economic Development have been commissioned by the DoE to carry out a study to improve the management and effectiveness of the urban programme.

The £300 million programme involves more than 12,000 economic, social and environmental projects.

The year-long study will begin with an investigation of the training needs of the programme's project managers.

Phase two will identify the main opportunities for improvement. The third part will assess how well current training and assistance meets the needs and phase four will recommend changes and provide a manual of guidelines.

Anyone wishing to contribute ideas, problems or successful approaches should contact Dr Nicholas Falk, tel: 01-928 9515.

Museum refurb set to start

WORK is due to start next month on a £10 million redevelopment of London's Imperial War Museum.

The 1815 building is in poor physical condition and requires major repair and renovation to make it safe and extend its useful life.

Architects Arup Associates have drawn up plans for the three-phase refurbishment. Phase one should be completed by October 1988, with phases two and three following on if viable.

Plans for the UK's first Interactive Children's Museum (News December 13, 1985) are being held up because no suitable site has yet been found.

Feasibility studies by Rock Townsend Ted Cullinan and Derek Walker Associates for a site in Stamford Street in Waterloo showed the site to be unsuitable.

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News in pictures

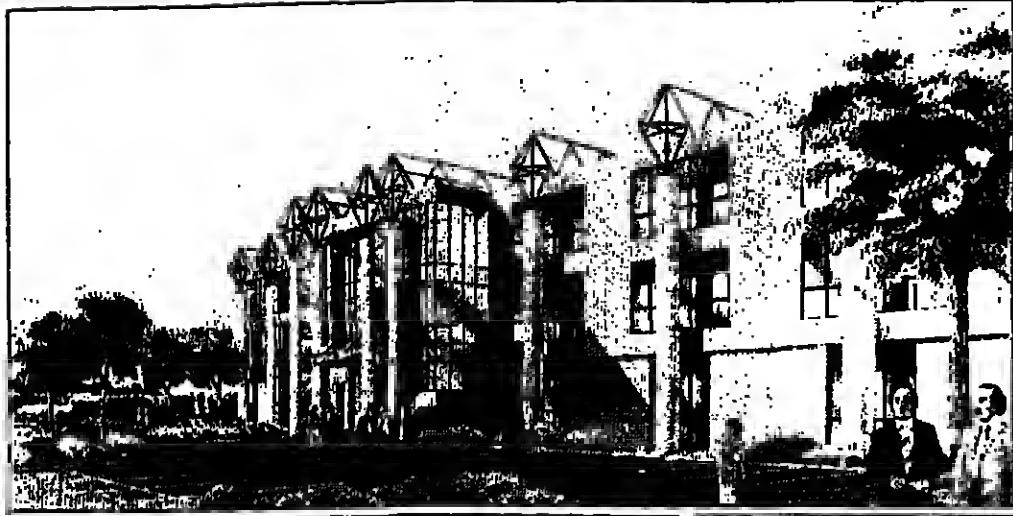
Trinity takes off

Trinity Lock, a development of 58 houses and flats, has just started on site at Serrey Quay in London's Docklands. Form Design Group's scheme was selected by the development corporation and features courtyards that open onto an ornamental canal. Contractor McAlpine Homes (East) expects to complete the job, with units ranging from £35,000 to £130,000 in 12 months.



Pedal power

Landscape designer John Wier and his friend Vicky Stemmers are turning to pedal power to raise £10,000 for 'War on Want' to fund long-term projects in Ethiopia. Wier is leaving his job at Clifton Nurseries and setting off with Stemmers this September to cycle across Europe, fly from Cyprus to Delhi and from there follow the old silk route into Tibet and down into China next summer. Anyone interested in donating should send cheque made out to Slow Bikes to China, c/o John Stemmers, 13 Alders Road, Reigate, Surrey RH12 0EB.



Salford Quays progress

One of the first buildings to be completed in the Salford Quays development is the £6.5 million Copthorne hotel. Shephard Epstein & Hunter are architects for the development, which provides 166 bedrooms on four storeys and is due for completion in July 1987.

All purpose hi-tech

Architects Cecil Denny Highgate Partners will be producing the design for this hi-tech development in Farnborough, Hants. The multi-functional building has concrete and steel external walls with upper floors partially supported from roof trusses beams and columns designed to achieve one-storey ground-floor spaces. The 4,420sqm scheme also includes two interior winter-garden courtyards and high-quality exterior landscaping. The clients are Grosvenor Square Properties. Work will begin in early next year.

Infill

A new strategy for Scotland

FEARS that Scotland "may acquire a second-rate image in the eyes of overseas visitors and investors" were expressed by Professor Alexander Youngson when he introduced the Royal Fine Art Commission for Scotland's 10th report, in Edinburgh.

The words he used are from the report itself, which expresses dismay at developments in Scottish architecture and urban design, especially those relating to the redevelopment of inner-city sites for the creation of shopping centres and car parks.

"It reflects no credit on developers, architects or local authorities," the commissioners say, "that many proposals that come to us are for the replacement of good or average buildings or layouts by something worse, possibly much worse. Those behind many schemes seem to have no idea that they might build something pleasant or even beautiful. They are content with the lowest form of the useful. This is true both of commercial developments and of schemes funded partly or wholly by public money."

Among the developments particularly deplored by the commission are those in Arbroath, Dumfries and Aberdeen. In Aberdeen, the 16th century Provost Skene's House has been isolated by unsympathetic redevelopment while the loss of the St Nicholas Street/George Street intersection has destroyed "a shopping thoroughfare second only to Union Street in importance which contributed appropriately to the setting of St Nicholas' Church".

As the report notes, "when good buildings on a main street are destroyed, the character of the street is destroyed with them and the effect on the appearance and visual amenity of the town is likely to be disastrous".

The report also notes other disquieting developments. Architects and planners are criticised for their low standards of presentation:

"Much of the material which designers present to us is poor. Occasionally, it is inadequate, and only with difficulty are we able to make out what the scheme will look like. We have even seen plans and elevations that were in part erroneous and some, for one and the same scheme, that were inconsistent with one another."

"The use of models, even of simple block models, is far too infrequent. Such models are far more often used by architects in other European countries and we believe that, without them, planning committees in Scotland have an almost impossible task in judging what a proposed scheme will actually look like."

Local authorities also come in for criticism, not only for not insisting on being given adequate information, but also for not making enough use of the commission. As the report says: "Because we have no powers of alteration or delay, we can work effectively only with the goodwill and co-operation of local authorities and their planning officers. Unfortunately, goodwill and co-operation are not always forthcoming. For a quarter of a century, the commission has been able to rely

Richard Carr examines the far-reaching implications of the 10th report of the Royal Fine Art Commission for Scotland, which hits out at the poor quality of recent architecture and urban design.

upon the support of the Scottish Development Department and, in cases of national importance, upon the willingness of the secretary of state to call in planning proposals. It is much to be regretted that the Scottish Development Department has continued its policy of disengagement from planning control.

"This policy has completely altered the situation and greatly handicaps our work. In cases which, from our point of view, are of more than local importance, and in which the local authority is not disposed to think seriously about questions of architectural aesthetics and public amenity, it is left entirely to the commission to persuade the local authority to think again. But some authorities are not to be persuaded. We believe that the secretary of state should use his powers to compel reconsideration in cases of this kind."

This is a plea which has just received a response (of some kind) from the secretary of state, in a Scottish Development Department circular which says that he continues to expect planning authorities to take note of the commission's recommendations, and may call in applications of special importance taking "particular account of the views of the commission".

Finally, the report calls for long-term planning: "During the last 20 years we have frequently raised the issue of 'strategic planning' and have emphasised that good civic design and distinguished architecture are most likely to appear in the context of 'basic long-term policies and plans for whole environments evolved in a logical, comprehensive and imaginative way'."

There has been less scope for such an approach in recent years, when "bit by bit" development has become common, but the report does note that Glasgow has been particularly successful in adopting both approaches and commends the initiative shown by the Scottish Development Agency in commissioning the Glasgow City Centre Townscape Study, suggesting that similar exercises might be carried out by other cities "with much advantage".

Copies of the report are available from Charles Prosser, Secretary, Royal Fine Art Commission for Scotland, 9 Atholl Crescent, Edinburgh EH3 6TA.



Regents Park refurb

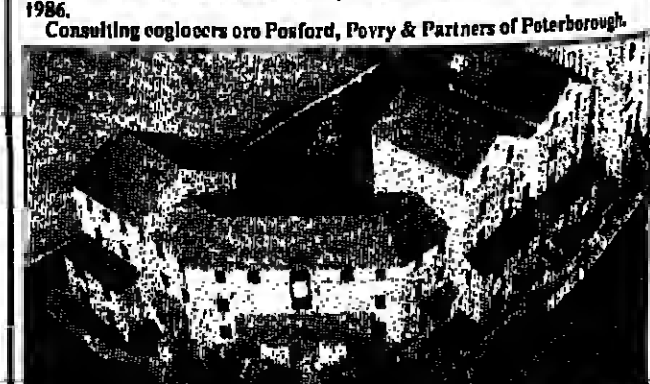
Following the demise of Frederick Koch's plans to turn St John's Lodge into an art gallery comes good news of another villa in Regents Park. Work has started on site on a major refurbishment of Decimus Burton's 18th villa, The Holme, into a luxury town house.

The building was occupied for the last 36 years by Redford College of Westminster. Plans recently granted planning consent to architects David Insall & Associates for their plans to upgrade and modernise the building. Insall's plans include rebuilding the service wing, constructing an indoor swimming pool and a new garage as well as the general upgrading. Project management is by ECH Project Services and completion is programmed for December 1986.



Great dome revived

Manning Clamp & Partners are working on a major £260,000 restoration programme of the 1827 Great Dome of the conservatory at Syon Park in Brentford. The dome was originally designed by Charles Fowler for the Duke of Northumberland and after 150 years of humid conditions the cast-iron framework corroded to such an extent that movement could be detected in the building. Work started on the scheme last April and is due to be completed by the end of 1986.



Energy costs halved

A low-energy, 20-dwelling housing scheme in Islington has been adopted by the Department of Energy as an Energy Efficiency Demonstration Project. The £630,000 development by architects and energy consultants Partnerships is expected to be completed this autumn. Tenants could save up to 50 per cent on heating bills. The one- and two-bedroom flats shown here have 100mm of insulated cavity walls, and draught stripping and double-glazing throughout. Particular care has been taken to ensure that cold bridging is avoided in the construction. These measures should reduce energy requirements to as little as 2.5 ft instead of the 5.5 ft which a similar conventional heated dwelling would require.

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The books listed below are available through the Architectural & Construction Bookshop. A special service for readers provided by Morgan-Grampian Construction Press.

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3. Hotel Planning and Design: a guide for architects, interior designers and hotel executives by Walter A. Bates and Richard H. Penner. Identifies the key opportunities in this field and analyses the planning and design criteria for nearly 30 different types. Specialised and up-to-date guidance unavailable elsewhere. Price £49.50.

4. The Classical Orders of Architecture by Robert Chisham. Immaculate line drawings and informative captions explaining the origins, development and practical usage of all the classical architectural elements. Invaluable to designers and fascinating for their clients. Price £16.45.

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6. Construction Project Management using Small Computers by Glen Peters. As well as explaining the principles of project management, this book explains how they can be applied on small computers and which particular systems are most suitable. Price £15.35.

7. Legal and Contractual Procedures for Architects by Bob Greenstreet. New edition of this popular reference work which shows concise and simple guidance through the legal and contractual maze of everyday architectural practice. Price £9.85.

8. Contractor's Claims: An Architect's Guide by David Chappell. Explains how to avoid situations which give rise to contractor's claims for delays or expenses, and how to deal with them when they do arise. Price £13.35.

9. Manual of Graphic Techniques 4 by Tom Porter and Sue Goodman. The latest volume in this series uses drawings to show every aspect of development and presentation of plans, from interiors to elevations, site sections to sectional perspectives. There are black and white photographs and line drawings throughout. Price £9.85.

10. Specification 85 by David Martin. Eighty-second edition of this annual reference source for architects and specifiers in the construction industry. Volume 5 is a commissioned new volume devoted entirely to specification clauses. The six volumes set is supplied in a library box. Price £57.50.

11. The Interior Design Workbook: A Job Record and Diary by David Fry. FIAA RIBA. Fills a considerable gap in providing interior designers, with a working tool which sets out all the stages of an interior design project. Price £10.95.

12. How Architects Get Work by G. Colan. Existing practices, as well as those thinking of taking the plunge into setting up on their own, will find this book stimulating and lively reading. Price £10.95 (paperback).

13. The Interior Design Workbook: A Job Record and Diary by David Fry. FIAA RIBA. Fills a considerable gap in providing interior designers, with a working tool which sets out all the stages of an interior design project. Price £10.95.

14. Design Liability in the Construction Industry (Second edition) by O. L. Cornes. Includes extensive new material on the law of professional negligence including the latest cases after *Pirelli*. Price £19.00.

15. AJ Introduction and Complete Index to the 1985 Building Regulations Briefly explains what are the main changes: how to find all the references to any subject; a checklist of which British Standards are invoked by each section plus unique detailed subject index to every topic covered. Price £8.25.

16. JCT Intermediate Form of Contract: an architect's guide. By David Chappell and Vincent Powell-Smith. Practical advice for the architect, clearly set out in simple letters, flow charts and tables. Studies the roles of each party involved and covers important topics such as claims and payment in depth. Price £19.80.

17. Construction Law Reports. A new series reporting decisions of the Official Referees Court which are binding on the whole industry. All members of the construction team must keep up to date with these decisions. Available as a subscription: 3 volumes a year £45.00.

18. Arch-ites Postcards 2 sets of 2 colour cartoons by Louis Hellman. Set 1: Wright, Le Corbusier (twice), Aalto, Foster, Graves, Miles and Stirling. Set 2: Gaudi, Mackintosh, Ralph Erskine, Bruce Goff, Charles Moore, Leon Krier, Terry Farrell and Philip Johnson. Price: Set 1, £2.50; Set 2, £2.50.

19. Architects' Data by Ernst Neufert. Available for the first time in paperback, this well-known design guide offers over 400 pages of building types. Price £16.95.

20. Handbook for Clerk of Works (Third Edition) by GIC Department of Architecture and Civic Design. This Third Edition provides step-by-step guidance on the carrying out of all the duties of the Clerk of Works. Price £12.05.

21. Space of Earth—Architecture: People and Buildings by Charles Knevit. The heavily illustrated book of the current Channel 4 series takes a fresh look at some key issues of architecture and planning over the last 100 years: cities; skyscrapers; mass housing; conservation; and future trends, including community architecture. Price £9.85 (paperback) £16.45 (hardback). Tac P+P.

22. LONDON ENERGY GROUP DATA BOOK AND DIARY 1987. A slim pocket diary—month to month with 32 pages of data on energy in buildings compiled by Jack Peach ex Technical Secretary of CIBSE. A first edition in 1987 this could be your most valuable acquisition for it contains most of the 11-values, degree days, appliance efficiencies and other energy data you need from day to day. The project has financial support from RIBA and CIBSE. Order now to reserve your copy for November delivery. Price £4.60 inc VAT (Discounted prices available for multiples of ten copies or more with practice or company logo as an extra).

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The mysteries of planning

THE ridiculous anomalies inherent in our planning system could not be more effectively located than the illustrations appearing on pages two and three this week. On the one hand is a proposal for a self-build timber-frame house inspired by the work of Walter Segal on a steeply sloping site near Ironbridge, and on the other a typical roadside petrol station near Bath. The former was refused planning permission on the grounds that it was out of keeping, while the latter was required to be adorned by a pitched roof, presumably to ensure it was "in" keeping.

Planning controls have evolved for many sound reasons and few would call for their outright abolition. Most of the world's finest urban areas are the direct result of strictly exercised planning controls, just as such controls have saved so many important rural areas from development. But it is the wielding of aesthetic control in particular that

rouses the strongest passions. And whereas a competent builder could quite satisfactorily deal with "commodities and firmness", "delight" is regarded by architects to be their sole responsibility.

But buildings are so much a part of the public environment that everyone is in truth qualified to voice an opinion. What is missing are the organised outlets for such expression.

It is usually left to the local planning committee to decide what gets built, against an underlying national network of listing, conservation areas and pressure groups. All the time architectural issues are accorded little importance, however, the accountability of these decision-makers will remain negligible.

At present only direct neighbours of proposed developments are likely to bother with a visit to the local planning department to inspect the plans of new developments. But there is no real reason

Comment

why provision can't be made for an obligatory public exhibition of all significant incoming applications and subsequent decisions. Proposals would reach a much wider audience, debate would be encouraged and opinions would be well informed. Moreover, accountability of planning committees would be greatly enhanced as the mysteries of their workings were opened up to greater public scrutiny. Perhaps then we may see fewer pitched roofs imposed on flat-topped forecourt shelters and perhaps then we may see more self-builders making good use of sites that nobody else wants.

Ian Latham

• Paul Finch is on holiday.

At last an exhibition designed for the specifier, not the salesman.

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Scottish Exhibition Centre, Queens Dock, Glasgow—“the most impressive structure to the area is still the Stobcross Crissie”

Scorpio

Boost for the image of the architect

HOWARD Roark, architect star of Ayn Rand's novel *The Fountainhead*, eat your heart out. Your place in the literature of the profession has been usurped by newcomer Bill Rawn, of Boston, in a book published in Britain next week by Pulitzer prize-winning author Tracy Kidder.

House (Picador, £3.95) is the epic story of the building of the Souweine House, in Amherst, MA, and involves the trials and tribulations of the main participants in such a drama: client, architect, contractor, carpenter, painter, etc. from the twinkling in an eye to moving in.

As the client remarks: "It's a frightening gamble. You turn everything over to a gang of people who don't really know you or have any reason to care about you. You turn over dreams, pride and money..."

The house in question is not, of course, some poky little spec-builder's Essex Design Guide hut, but an expansive two-storey detached residence of pretension, the result of a "conflict and compromise" between two crafts — architecture and carpentry. Not for nothing is the tome described as "a rich, detailed warm, mature book, honest and responsible, chock-full of information, perception and love" (*Playboy*).

As for style, it reads a bit like *Zen and the Art of Motorcycle Maintenance*, although the pace is zippier. It is also full of little home (forgive the pun) truths, such as the experimental nature of design: "It's why so many architects flower in their fifties and sixties", says our hero, Bill.

I hope it is not giving too much away to disclose that the book has a happy ending. Bill gets invited to stay in the house he has designed and ends up receiving an award from the Boston Society of Architects. Judith, Jim and Sandy, his clients, come along for their presentation. The builder, Apple Corps, goes on to better things. It's enough to make me take up my Peotel again.

● JONATHAN "Did I jump or was I pushed?" Glancey, until last month editor of *The Architect*, has been causing some ructions in obscurity. I gather, in his haste to vacate No 66 he took with him the office diary, including all forthcoming appointment details. These included a pilgrimage to Macclesfield to write a profile of the next President of UJA/RIBA/World Bank/United Nations/NASA (delete as appropriate), Sir Adenoid Hackney. News of the profile had not endeared JG to the powers that be.

● FORGET the Royal Academy's "Poster, Rogers, Stirling" exhibition this autumn; the Quinlan Terry Show is about to hit town.

To coincide with the publication of Quinlan Terry: *The Revival of Architecture*, by Country Life senior writer Clive Aslet (and a snip at £40), fine art dealers Anthony Mould are staging an October exhibition of original drawings, and the Judd Street Gallery is showing "The Complete Linocuts" of our Young Fogey hero.

A signed proof of Terry's wallpaper design (vintage 1966), and measuring 12in by 12in (no metric, please!) will cost admirers just £20. But hurry, £4 off before September 25th!

● CAMBRIDGE locals are increasingly bemused by their planning committee. It has successfully fought off a McDonalds on the outskirts of the city centre (30,000 people signed a petition in favour of it), but has allowed a seedy amusement arcade to infiltrate historic Sidney Street!

10 years ago

THE exceptionally hot, dry weather may have weakened the fixings of about 10 stone fascia panels that fell on to shoppers in London's crowded Oxford Street last week. Another theory about the cause was that the fascia was weakened by a recent bomb blast in the street.

Scene and heard

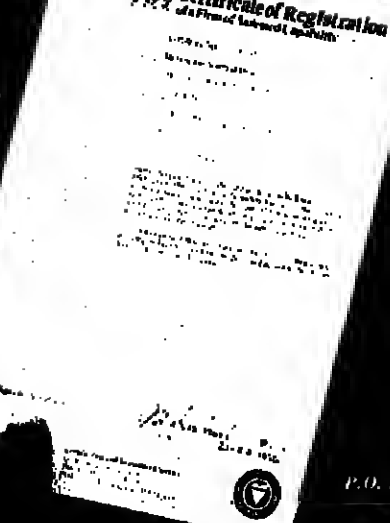
MAYBE it is something I wrote about architects' ham-fisted



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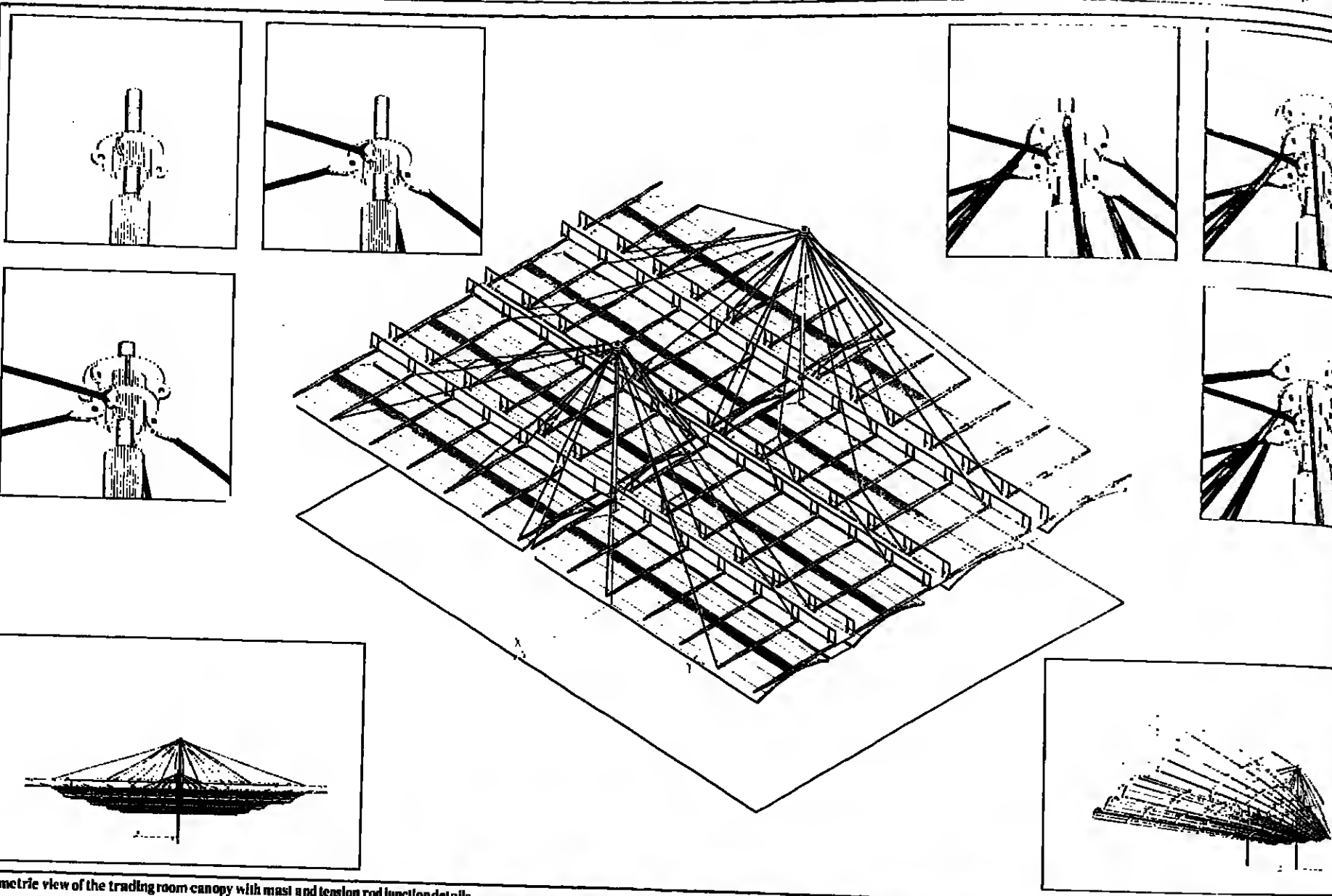
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Over the top

IF "atrium" was the buzz word a couple of years ago in the commercial property world, it has been replaced by "dealing floor", as banking operations prepare for October's Big Bang.

How apt, therefore, that the London division of Salomon Brothers, the leading American securities underwriter, should take a 25-year lease on part of the unlet two-year-old Victorian Plaza development over London's Victoria Station and convert its south atrium into a double-height dealing room.

For their architects Heery International the problems were considerable. The five-storey atrium contained no provision for air-conditioning, power or telecommunications services, let alone any of the complex arrangements required for financial trading. Moreover, a two-storey link across the atrium had to be removed, and some form of ceiling was required to shield the new floor from the upper levels which Salomon didn't intend to occupy. Being built over the station, there was no basement level in which to accommodate

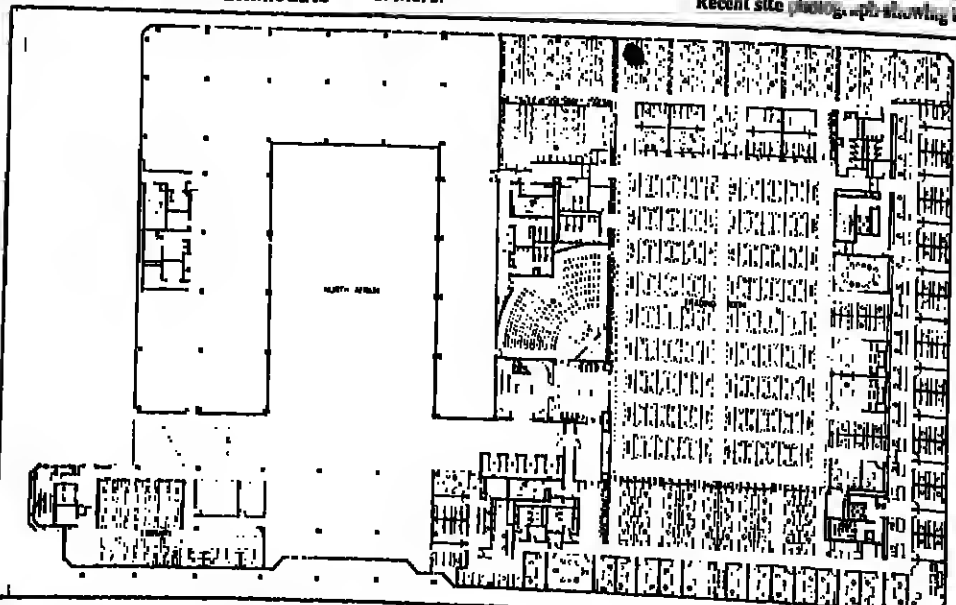
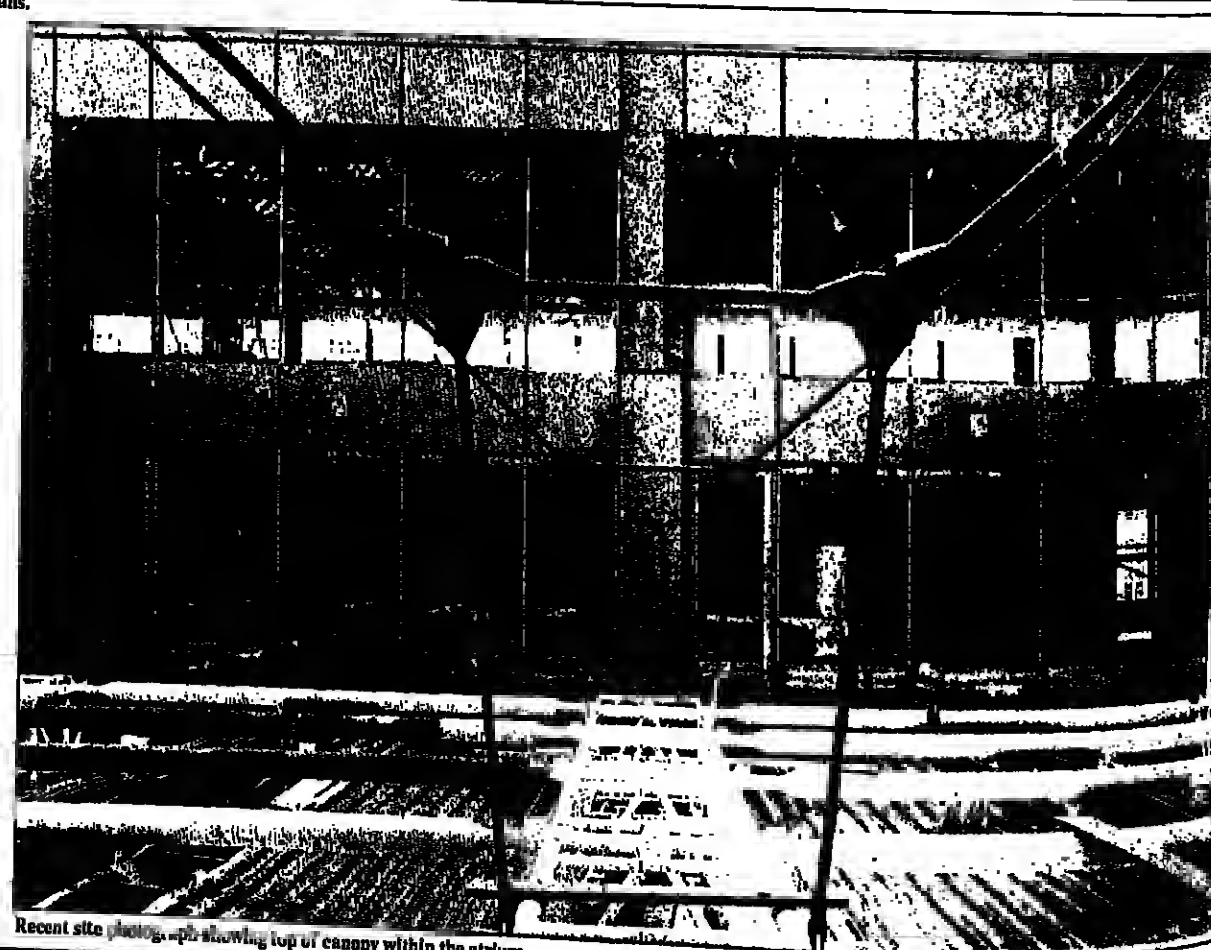
services, and the structural frame couldn't take any extra loading from the secondary structure within the atrium, apart from where the link would be removed.

The solution, devised with engineers Tony Hunt & Partners, is as elegant as it is simple. A new canopy has been inserted two floors up to form a ceiling — acoustically absorbent and reflective for the indirect lighting — held by hollow tubular steel trusses within which air-conditioning equipment is installed. The 1,200sq m structure is supported from above by solid steel-tension rods moored back to two masts on the former link-block column positions. Power and communications cabling is located in the new raised floor.

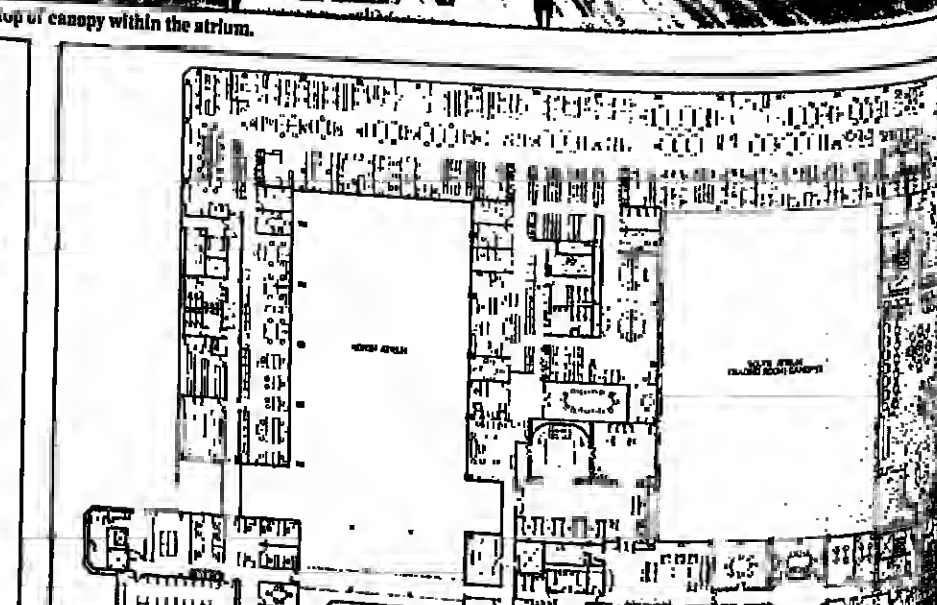
The new "Room" will be completed in October to become the largest private trading floor in Europe, accommodating some 200 traders, with adjacent support facilities giving a total of 5,000sq m.

Ian Latham

Architects: Heery International Ltd. Engineers: Anthony Hunt & Partners.



Ground-floor plan with dealing room floor.



Upper-level plan with trading room canopy.

Right to appeal against listing

From Peter Elphick
RECENTLY the DoE informed me that my house had been inspected and that it had been included in the statutory list of buildings of special architectural or historic interest and that the listing had already taken legal effect, notwithstanding the fact that I was unaware of any inspection being made. The inference in the department's letter was that I had no right of appeal.

I do not know who the inspector was, nor whether that person was suitably qualified to advise the department on such matters, but I do know that in the North-east (and, I understand, nationally) these inspectors are recommending listing of almost anything which looks as if it was built before the end of the 19th century and that indiscriminate listings are being made. Certainly my house is not worth listing and I have told the department why.

My purpose in writing is to tell my colleagues in the profession and other professionals as well as any members of the public who may have suffered in this way that there is, after all, the right of appeal although this information is very well concealed by Whitehall.

When the Housing & Planning Bill was debated in the House of Lords on July 30, 1986, Lord Elton replied to the question of appeals against listing raised by Viscount Ridley, saying:

"My noble friend also raised the question of appeals against listing. He rightly said that such an appeal exists. It is true that it is not generally known. I was advised that this was the case when I took office and then arranged that everyone whose house was subsequently listed should be advised that if he felt it was wrongly listed he had but to send his reasons to my right honourable friend to have it reviewed and, if appropriate, struck off the list. I believe that is quicker and cheaper than anything which could be achieved by statute."

Anyone who feels aggrieved should appeal by writing to the Department of the Environ-

ment, Room 18, Lambeth Bridge House, London, SE1 7SB. Peter Elphick, Stockfield, Northumberland

Ferry across the Mersey

From Geoff Mussey
RICHARD Burton's letter (August 8) spearheading the campaign for yet another bridge across the Mersey can only cause hollow laughter here on Merseyside.

Liverpool/Birkenhead is the only major conurbation in Europe with a river, that can boast of not a single bridge joining its two halves, and this is a significant factor in the deep decline of the area. No pedestrian (mostly unemployed) can move from one side to the other without the aid of public transport and this causes an immense psychological (and financial) barrier. All we have are tunnels for road and rail.

If only some of the luminaries that Burton lists could share some of their influence and energy on an effort to put right this glaring anomaly, this surely would be an even more worthwhile cause.

Geoff Mussey
Liverpool

Betraying the profession

From David Poole
SO the City of Glasgow has been so well served by those consultants which it has in the past employed that a reduction in the architectural input on future schemes is to be encouraged by way of fee cuts (News August 8).

Those salaried members of the profession who will be expected to contribute to the new standard of service by job loss or salary reduction may be expected to take another view; but what of the chief officer? Surely no senior professional would in such circumstances side with the ramsackable cheap-

skates against the broader public interest or those of a profession in crisis. The position in which the city architect finds himself is clear. He should tender his resignation in protest at the implementation of such proposals. Should he lack the spine he may alternatively feel obliged to remove himself from the profession whose members he will have by active collusion or timid acquiescence betrayed.

Pigs, of course, might fly. David Poole
Abercrombie
Gwent

Arabian connection

From Christopher Newton, projects manager, Building Trades Exhibition Ltd
I AM glad that *Scorpio* (August 8) spotted the Interbuild team at the recent "Riyadh—Yesterday and Today" exhibition. It would have been odd if we weren't there, mind you, since our associate company Exhibition Consultants was responsible for the on-site management and organisation as consultant project co-ordinator.

Although no sketches were taken, every bit as important to Britain's building and construction industry may be the new business relationships now set up between the two countries. Let's hope that, as in past years, we get a significant number of buyers to Interbuild from Saudi Arabia.

In the meantime, anyone requiring 10 tons of sand and two camels should get down to Olympia fast. Christopher Newton
London W1

Where were the British?

From Peter Kremer
WHILE not wishing to enter the controversy caused by the Royal Institution of Chartered Surveyors' brochure's omissions of designers' names, I wonder if any of our architects well-known for their Middle East connections visited the Riyadh exhibition last week?

Virtually the whole thing consisted of new building works to picture or model form. Despite a fairly diligent search, I found no reference at all to any British architect. Nor did I see any evidence of any attempts

by those ignored to retrieve the position.

A few little men with sandwich boards, appropriately Arab garbed, outside Olympia could have told us that 9% of what was on show inside had been designed by our RIBA members.

The under-construction pictures had been carefully selected, too. Not one recognisable signboard did I see.

Where were you, Cementation, Fairclough, Laing, Wimpey, Costain etc?

There is of course a simple answer to this. Like that ubiquitous luncheon, there is no such thing as free publicity. If you want some you have to pay for it. Peter Kremer
Windsor
Berks

New pastures have to wait

From Ron McKie, managing director, RIBA Publications
YOUR news in *Scorpio* (July 25) interests me. My information was that I have to soldier on for another year. Do you know something that I don't?

Ron McKie
London EC1

Gloom and dejection

From W G Ord
I READ with amazement (News August 1) that Maidstone architects Granger & Day have received planning permission for a £110 million recreation centre for Rochester.

Rochester is, I understand, a small market town, and my guess is it needs such a complex as much as I need a hole in the head. Surely you have added a zero to the figure in error. If the figure is correct, the news depicts me as much as do the current articles in the *AJ* about our dwindling fee scales, and our poor image in society.

My efforts in the past, when working for the overseas development association, to extract (without success) several million pounds to provide educational facilities in Kenya from the World Bank seemed at the time worthwhile, but to read that such sums can be spent on leisure plunges me into a state of gloom. W G Ord
York



New life for the 'Mech'

From John Clancy
WHAT a pity that in describing the refurbishment and conversion of the former Burnley Mechanics Institution (June 13) you chose to show a view of the major part of which is the Burnley Town Hall. The "Mech" is the two-storey building that is about to disappear off the right-hand side of the shot. As a former member, using its facilities (billiards and snooker room, chess room, library, cafe, dance hall, etc) as a teenager in the 1950s, I welcome the old building getting a new lease of life. I enclose a view taken looking up Manchester Road, showing the "Mechanics" which about the town hall as the building rises up the hill.

John Clancy, Nelson, Lancs

The facts on South Africa

From Laurie Cadell
IN REPLY to Messrs Ahrends and Bretman (August 8) who accuse me, in their scurrilous letters, of having foolishly elaimed that Russia supports the African National Congress, and the anti-apartheid movement, perhaps they should study the facts of the South African architectural scene as a whole and judge from knowledge, not ignorance.

They maintain that good architecture is only confined to the white population, when many fine buildings are erected by and for black people, as at Fort Hare University, Turfloop, the University of the North and many others such as the Baragwanath Hospital in Soweto, one of the largest hospitals in the world, as well as many fine new buildings in Venda, Bophuthatswana and KwaZulu.

Their remarks are at least 20 years out of date. Naturally I concede that fundamentals are important, but consequences should be the concern of everyone.

Do you not think it is time some of the good and constructive projects were reported? Laurie Cadell
London W2

New towns history

From Professor Denis Hinton
I AM engaged in a feasibility study directed towards the possibility of publishing a history of the British new towns. In order to broaden the scope of the inquiry, I would be very glad to hear from those who have views, or suggestions, about such a publication or believe they could make a contribution.

I would particularly like to have contact with those who have had first-hand experience in new towns. Denis Hinton
45 Park Hill
Moseley
Birmingham B13 8DR

The bubbly's long gone

From Meta von der Steege, RIBA
BANG up to date as usual the bottle of champagne (*Scorpio* August 8) for spotting the "error emblazoned" across the front cover of the 1985/86 London Region Yearbook was given away shortly after publication, in January 1986. Meta von der Steege
London W1

STUDENT STYLE

An illustrative round-up from a selection of recent end-of-year architecture school exhibitions.

Manchester University

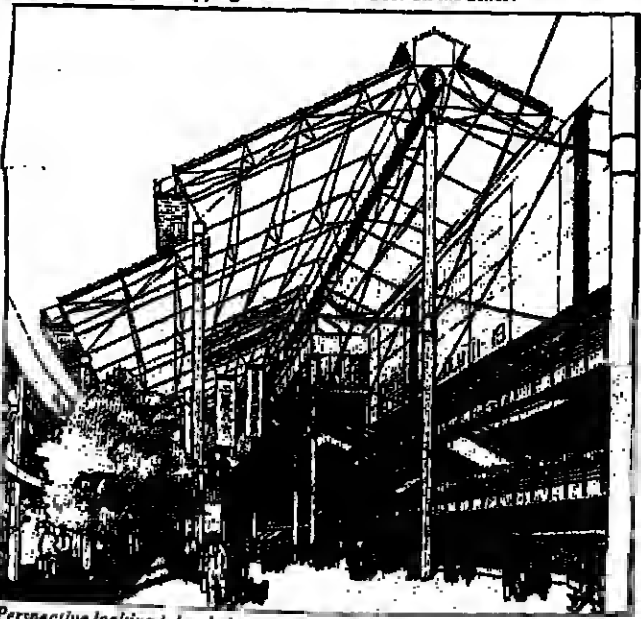
Left: Paul Sandilands, a final-year diploma student, was given a brief to introduce appropriate new uses, including 100-bedroom hotel, pub and offices, on a derelict quayside site with improvements to facilities on the York riverside. Sandilands had to design a suitable built form to complement the conservation area of an important historic site and extend pedestrian activity through the new building group and along Queen Street from Ouse Bridge.

Sandilands' solution provides a continuous river frontage with the hotel arranged around internal and external courtyards approached from Skeldargate and through existing buildings on Bridge Street.



Model showing river frontage perspective (white) in context of existing York buildings.

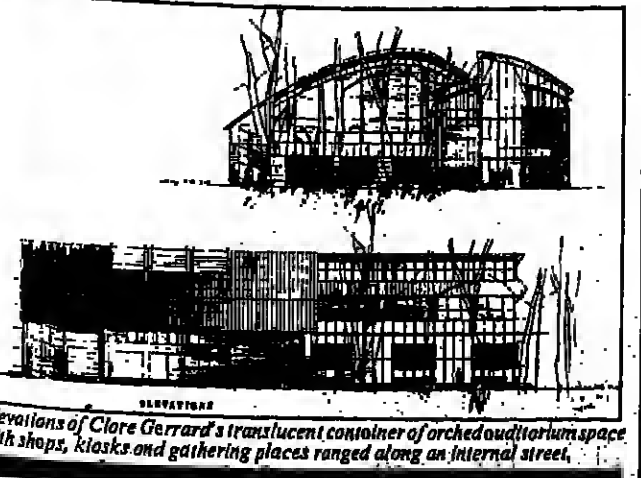
Above and below: Final-year diploma student Michael Yam produced this interchange project to connect the passenger ferry terminal to the central business district of Hong Kong directly in front of Foster Associates' bank. Yam set out to design spaces in which large numbers of pedestrians could circulate freely at various levels related to areas of more leisurely activity. His scheme uses pedestrian links, main thoroughfares, underground rapid transit, taxis, mini-buses, cars, tourist facilities, shops, information centres and an exhibition centre to achieve this. The design is organised around a central linear space with vehicle areas below information and exhibition facilities on one side and landscaped shopping courts and terraces on the other.



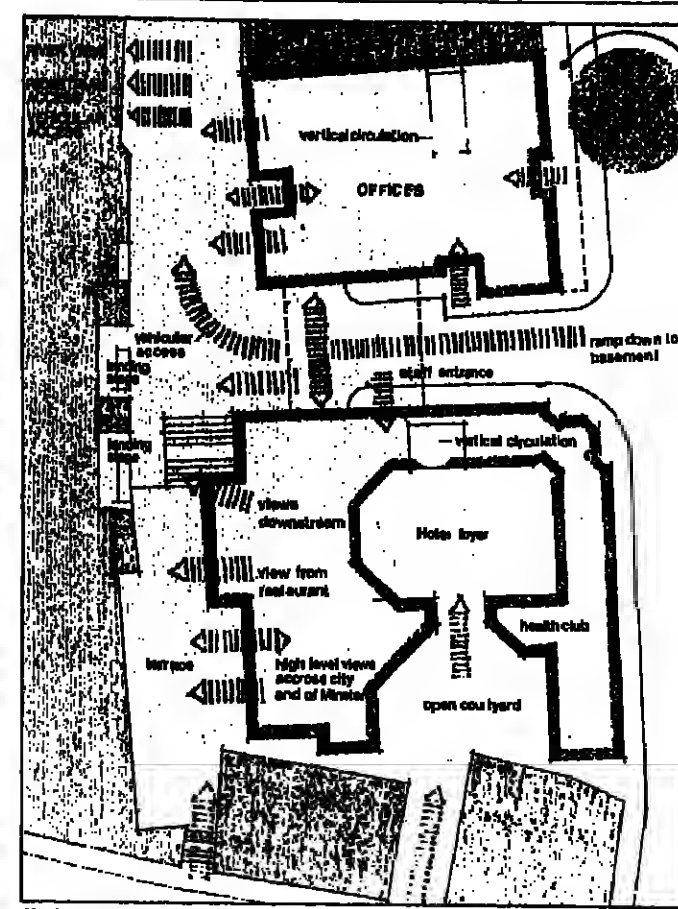
Perspective looking inland along central glazed street. Below: The third-year degree students were set a project to design an extension to the Manchester Student Union. The extension was to provide facilities for major meetings, pop concerts and multi-purpose use.



Model of Dariusz Gilman's multi-faceted soaring form with cantilevered balconies around a central performance area.



Elevations of Clare Gerrard's translucent container of an auditorium space with shops, kiosks and gathering places ranged along an internal street.



York riverside scheme block plan.

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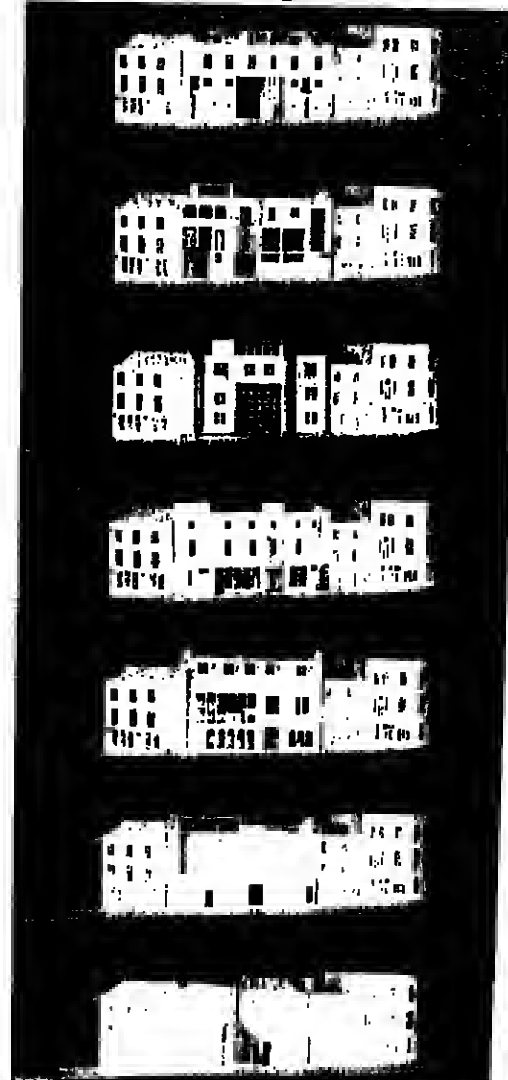
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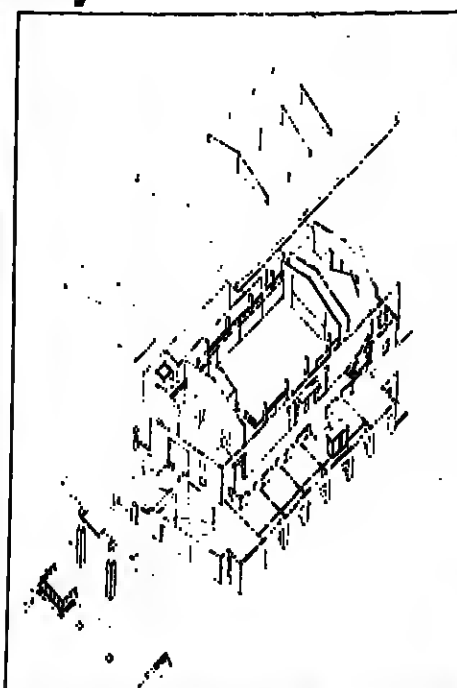
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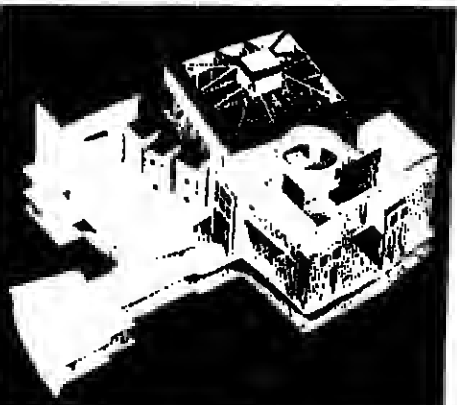
Cambridge University



Models of first-year projects for an infill site of shops, workshop and flats at 1-5 Clerkwell Close by students from the University of Cambridge department of architecture. Top to bottom: Matthew Horne, Gavin Henderson, Christopher Ash, Ross Nicholson, Barbara Anderson, Edward Williams and Gregory Munson.

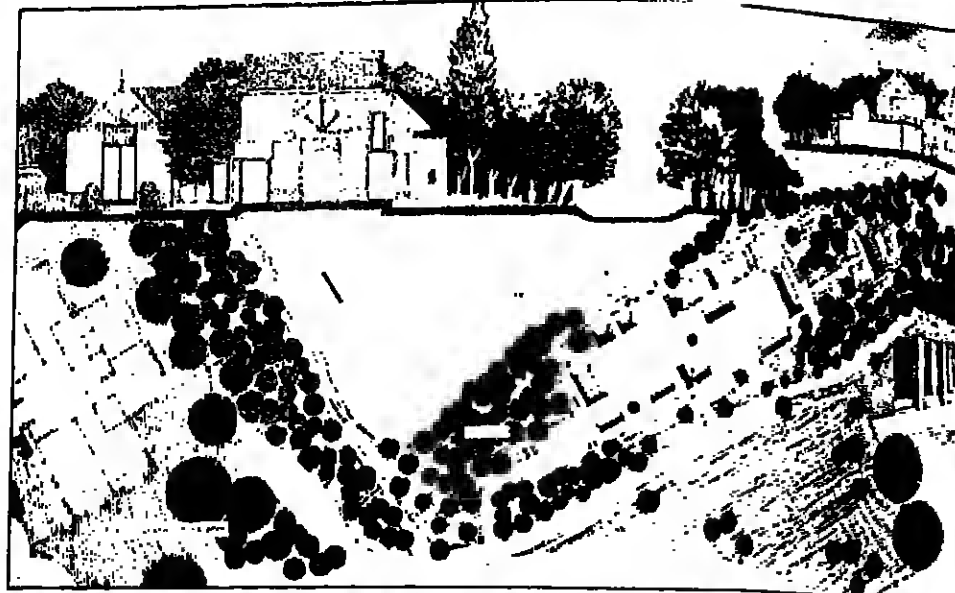


Barn conversion, Compo di Marie, Vanele, by Cambridge department of architecture diploma student Andrew Matthews.



Model for Post Office building by University of Cambridge department of architecture diploma student Robert Wood.

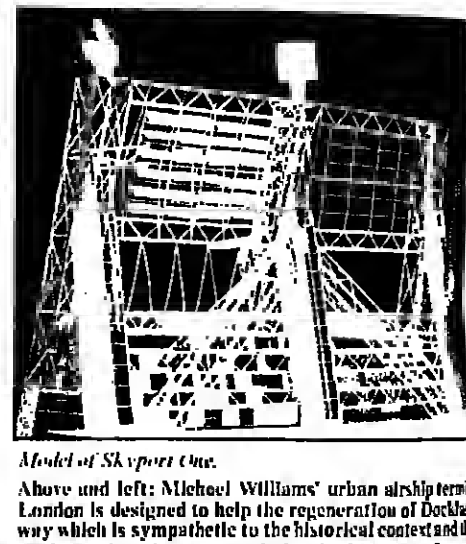
Huddersfield Polytechnic



This project for a Centre for Environmental Studies of Dretton Park, Yorkshire, was carried out by first-year diploma student Nigel Boy Marley. The project was aimed to investigate the opportunities and problems inherent in placing built form into a high quality landscape.



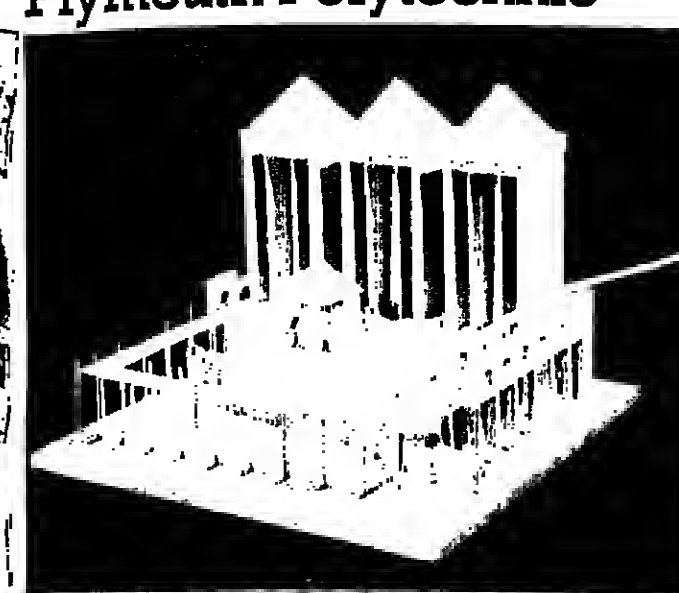
Sectional perspective.



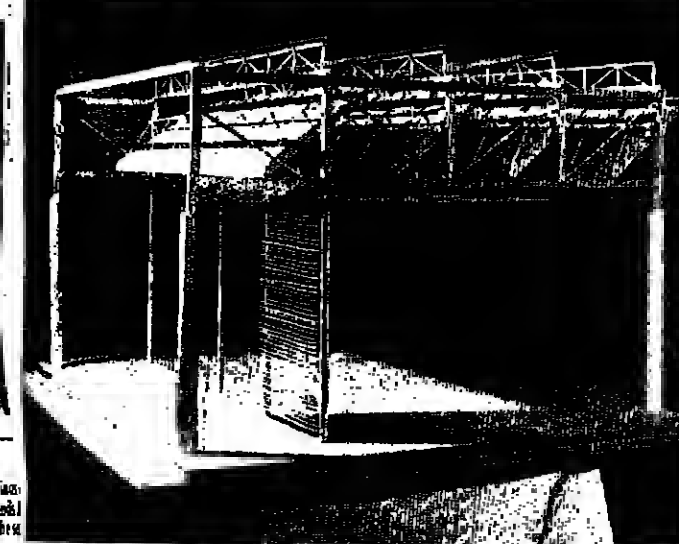
Model of Skyport One.

Above and left: Michael Williams' urban airship terminal in London is designed to help the regeneration of Docklands which is sympathetic to the historical context and use of place. This Skyport One design thesis accounts for the second-year graduate diploma course.

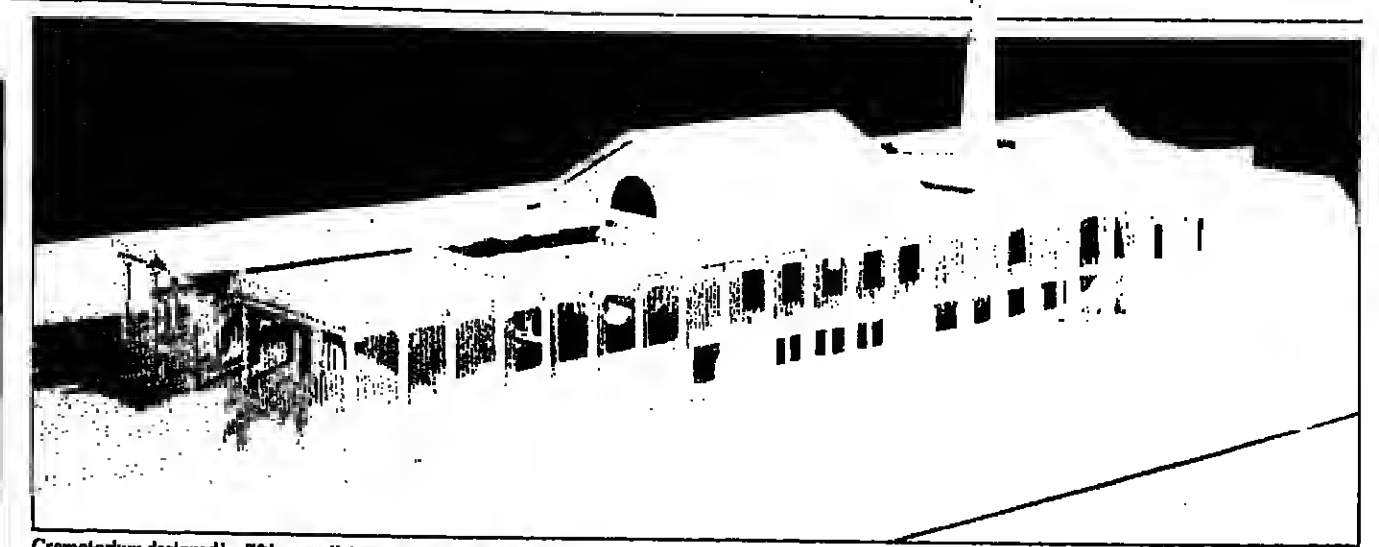
Plymouth Polytechnic



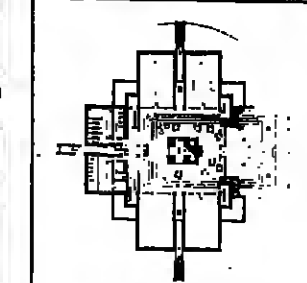
Model of a scheme for a hotel at Womwell Beach, Devon, by fourth-year diploma student David Gregory.



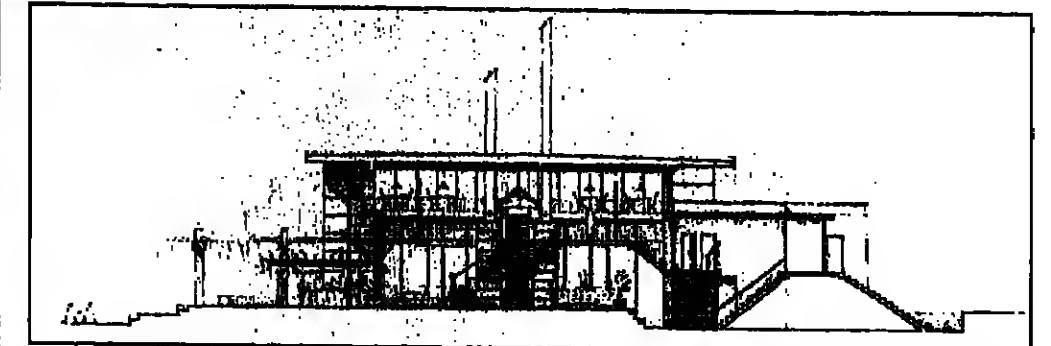
Fifth-year diploma student Glen Howells' detailed working model of "Intelligent roof" for a design museum.



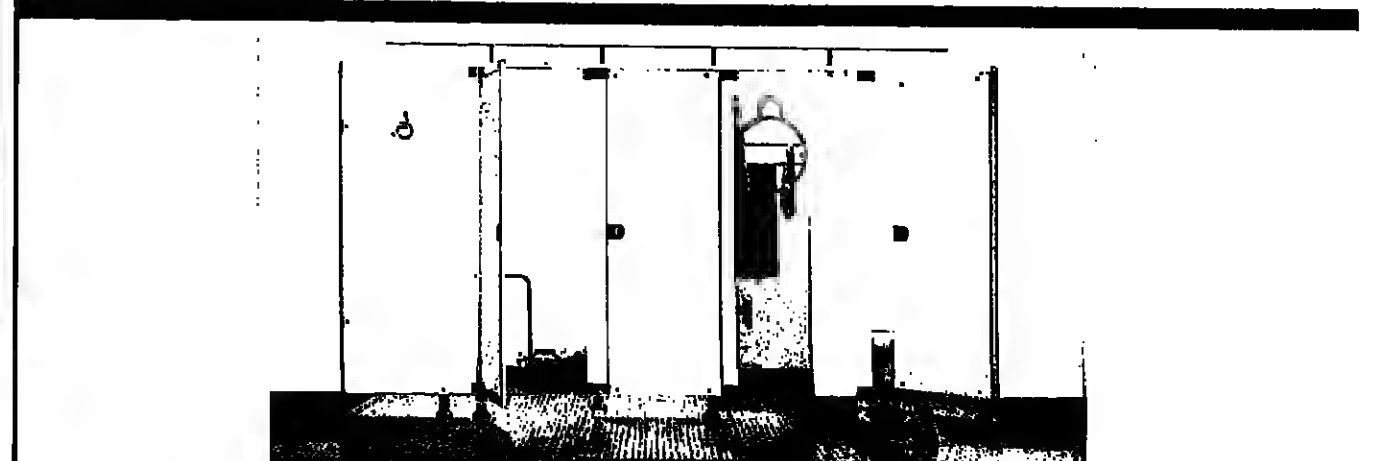
Crematorium designed by fifth-year diploma student Julie Williams.



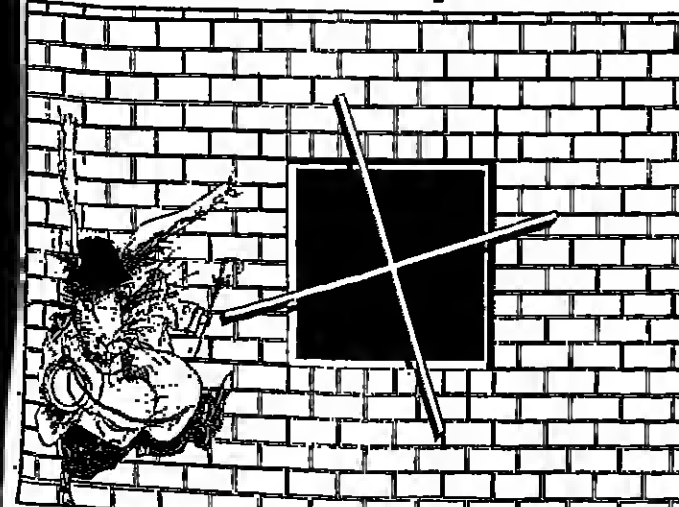
Ground-floor plan of squash courts centre by third-year degree student Andrew Crabb.



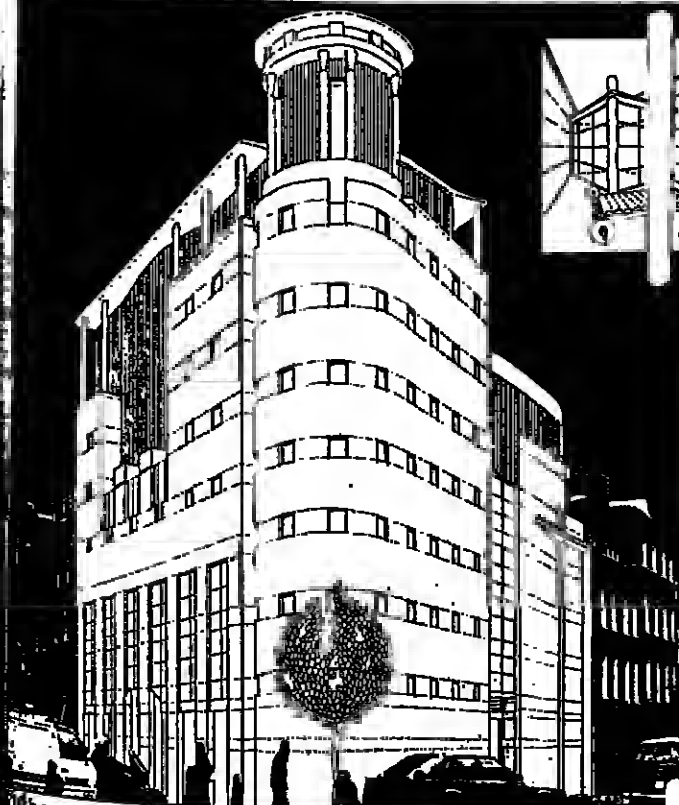
Squash courts centre elevation by Andrew Crabb.



Birmingham Polytechnic



Third-year degree student Mark Daley supplemented his thoughtful and inventive project for the British Gas competition with this elevational detail.



Sixth-year student Mike Gossage produced this scheme for a corner site in Covent Garden. Its expressionistic curved form contains premises for a ballet school.

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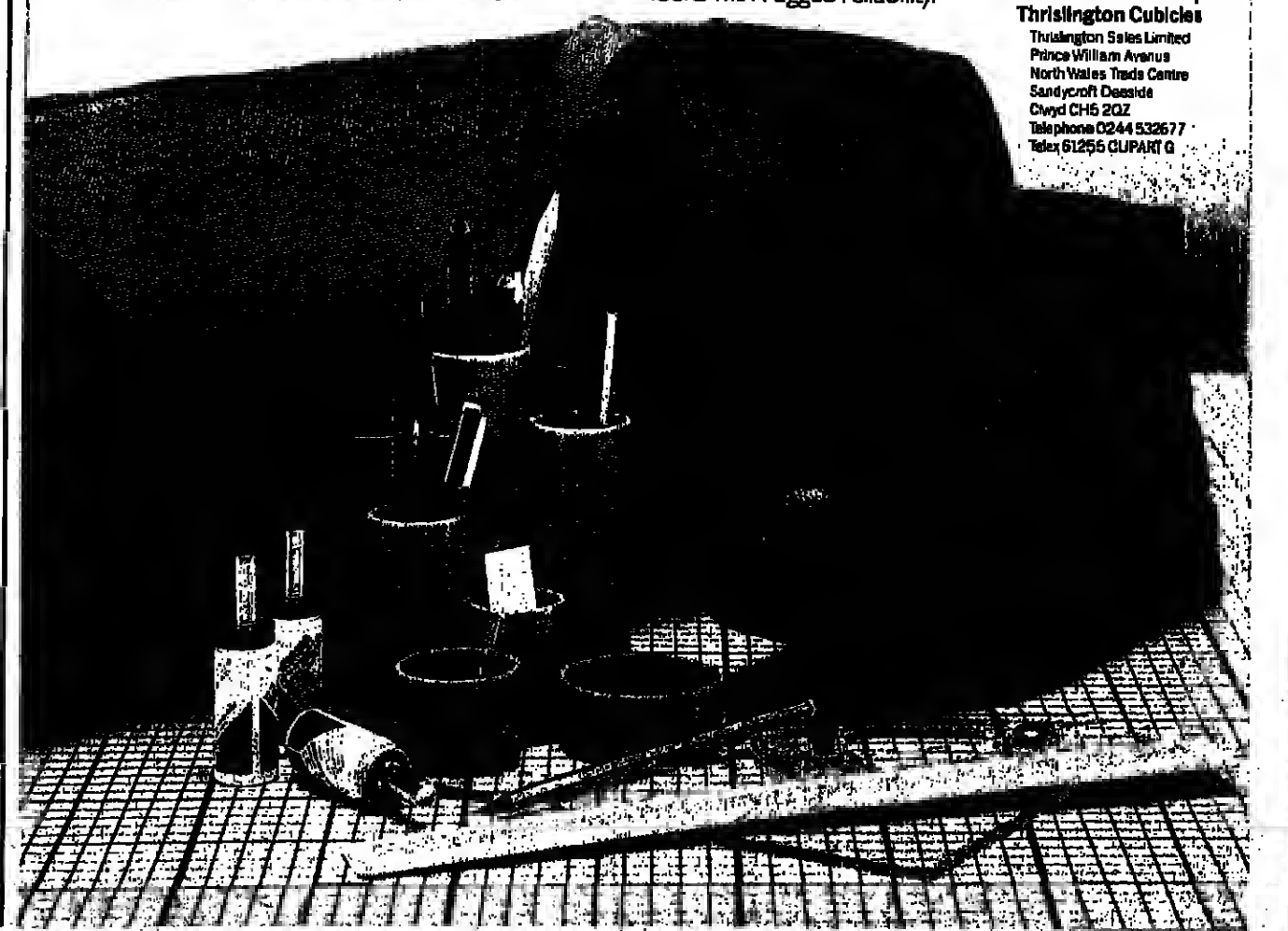
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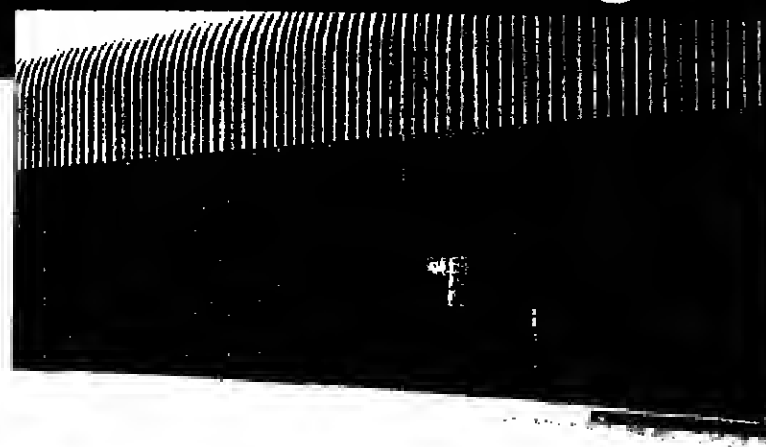
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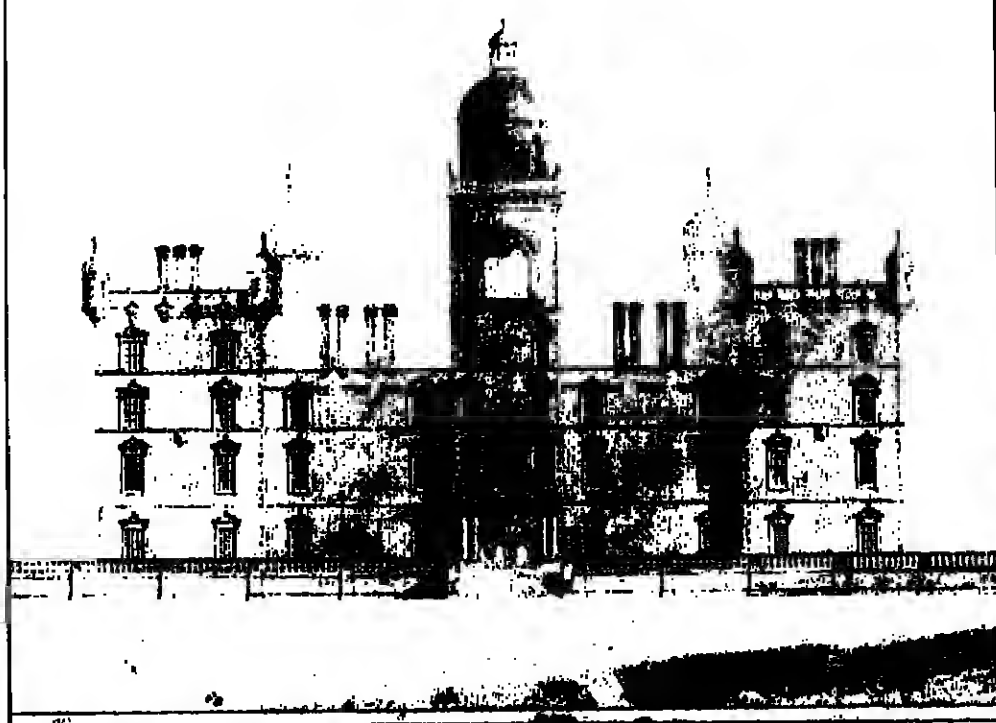


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SCOTTISH TREASURES

Richard Carr reviews the architectural aspects of this year's Edinburgh Festival, which takes "the Scottish Enlightenment" as its theme.



Elevation of George Heriot's Hospital in Edinburgh, by William Playfair.

THIS year, the Edinburgh Festival takes for its theme "the Scottish Enlightenment", with exhibitions such as "A Hotbed of Genius" at the Royal Museum of Scotland in Queen Street and "the Enterprising Scot" at the Royal Scottish Academy.

Thus there is no major exhibition relating to architecture and design as there was when the festival celebrated Scottish links with Vienna a few years ago, though there is one very important event: the exhibition of drawings by William Henry Playfair at the Royal Incorporation of Architects in Scotland's gallery in Rutland Square.

According to Charles McKean, the RIAS secretary, this is probably the first public showing of Playfair's drawings and it is certainly the first exhibition of his presentation drawings, all of which belong to the RIAS itself. And thereby hangs a tale, because when Playfair died in 1857 his drawings were presented to Edinburgh University and were then sorted out by his clerk, James A Hamilton, who chose 3,062 mainly working drawings which are now in the university's possession. What he did not keep were sketch books, preliminary drawings and presentation drawings, most of which have now been lost. What appears certain is that the drawings which now belong to the RIAS come from this source. They have also been given to the RIAS anonymously.

As McKean explains: "It seems highly likely that, unwilling to destroy the unwanted material, someone chose to hold on to it. The veil of anonymity may have been imposed to prevent any direct connection with Hamilton's activities on behalf of the University Library, which could have claimed legal title to these drawings."

Looking at the drawings in the RIAS, it is little wonder that their unknown saviour rescued them. Far from being a dreary dump of unwanted material, they are an exciting collection which ranges from student drawings, sketch designs and preliminary ideas to full presentation drawings which are immaculately drawn and, on occasion, rendered in water-colour by another hand. This was the action Playfair took after losing the competition to design the Scott Monument in Princes Street Gardens, Edinburgh, calling in David Roberts to colour his presentation drawing of Donaldson's Hospital, Edinburgh.

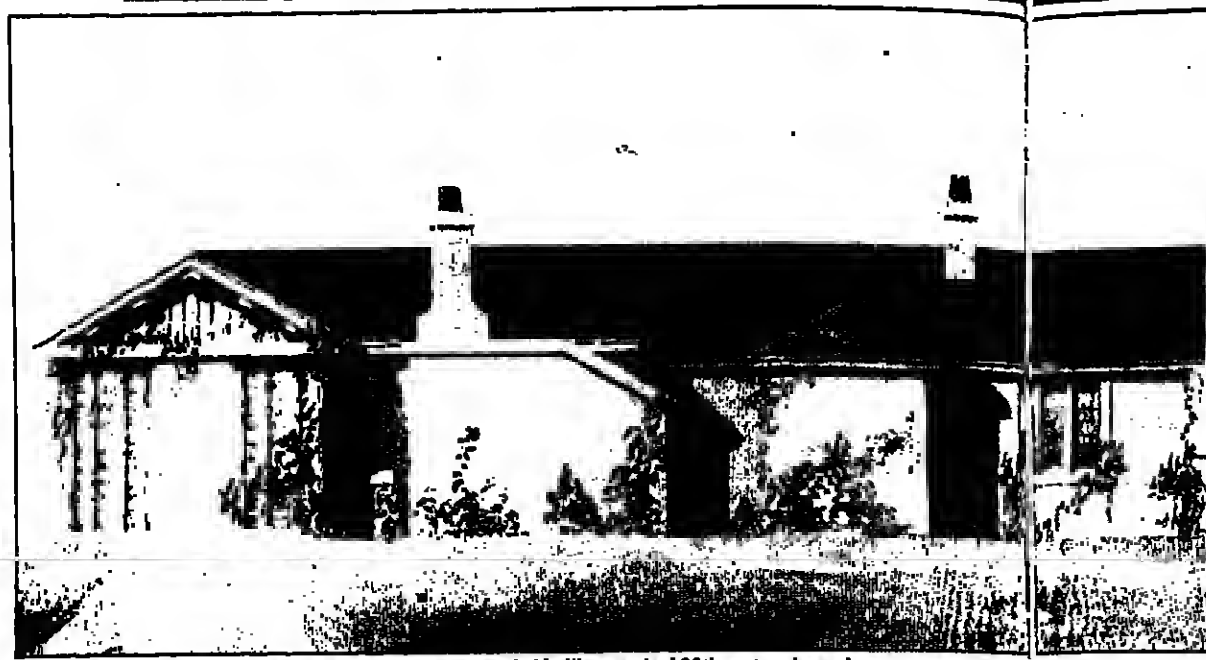
The result, though now somewhat faded, presents the building in an almost Mediterranean light, and enlivens it with small groups of people presumably enjoying a very un-Scottish climate.

What the exhibition also shows, in addition to Playfair's determination to win competitions (and his Cleopatra Needle-like entry for the Scott Monument is also included) is his wide range of styles. Neoclassicism is represented by the facade of the Surgeons' Hall in Edinburgh (and there are two drawings, one showing how the Corinthian Order has been replaced by the Ionic Order, presumably to reduce building costs); Elizabethan with a whiff of the Oriental by the entrance porch of Hillside House, Aberdeen; and a much plainer, almost abstract version of the Baroque style in the drawings of Barmore Castle, Argyllshire. There is even one drawing — of a keeper's house in Innerleithan Well — that looks remarkably like an early prototype for a typically 20th century Scottish bungalow!

The exhibition of Playfair's drawings is the main presentation of architects working during the Scottish Enlightenment in the festival, though references to them are made elsewhere. For example, "A Hotbed of Genius" has one section devoted to recreating scenes in 18th century Edinburgh, including a narrow close in the Old Town, which seems as if it rightly belongs to a wax-works, and giant illustrations of James Craig's New Town which one views in an amazing electric blue light. Both are accompanied by animated commentaries picked up by cordless earphones which apparently convert overhead infra-red light into sound.

These and other theatrical settings are used to prepare the visitor for a much more "lensed" second section in which the New Town is represented by drawings, plans, watercolours and photographs, and we learn that Craig himself slipped into debt and obscurity having not applied himself to "the necessity of prosecuting those sober plans for success in life which prudence requires". It seems a very Scottish commentary!

Other architects represented in the exhibition include, not surprisingly, Robert Adam, whose design for Edinburgh University, begun in 1779, was completed by Playfair many years later (the dome being added by Rowand Anderson on



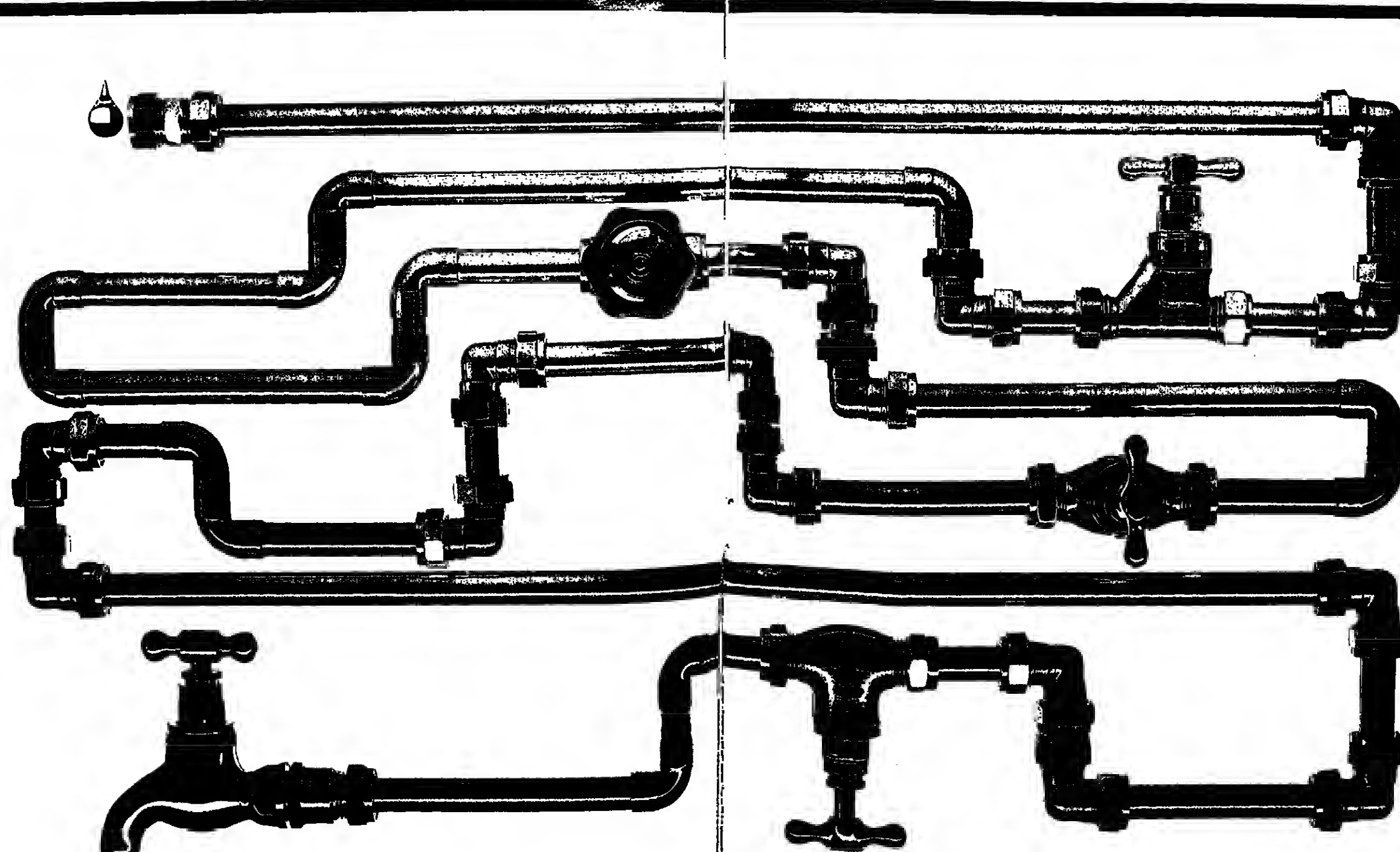
North elevation of Keeper's House, 1826, by Playfair; remarkably like a typical 20th century bungalow.



Pen and wash rendering of entrance elevation for an unspecified scheme.



Presentation drawing of entrance front to a house, dated 1839.



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mark the centenary of the building, which only goes to show that delays are not a new hazard to the profession), and Colin Campbell. He designed Wanstead House in Essex and, as the exhibition notes, was the first of a long line of Scottish architects who moved to London (in fact, apropos "the Enterprising Scot", it could be argued that those were the ones who got out of Scotland and generated the 60 million or so people of Scottish descent now living throughout the world).

There is also a section on planning, showing for example the work of Alexander Gordon at Ormiston and John Ainslie for the Barony of Eglington. And, as if to show how planning can be taken to its extremes, there is a photograph of the tomb designed by Robert Adam for David Hume in the Old Calton Burying Ground in Edinburgh. It is, the caption notes, a strong and massive building, and when it was completed a visitor asked the mason, "And how do you think that the Gentleman will get out at the Resurrection?" "Ah," came the reply, "I have secured that point, Sir, for I have left the key under the door."

If architecture during the Enlightenment seems so accomplished and heroic, what is being done in Scotland today seems considerably less so, according to the Royal Fine Art Commission for Scotland. The publication of its 10th report (in 60 years), which is pretty damning of a lot of contemporary architecture, is accompanied by an exhibition in its Atholl Crescent headquarters where, having passed double rows of trolleys at the entrance, one enters a display devoted to shopping centres and related developments. As the exhibition notes, of the 148 schemes submitted to the commission, only 52 were commended, and many of those that have been built raise the question, "The old photographs show the pride of Scottish towns — what have we got to be proud of today?"

Among the developments particularly deplored is that in the George Street/Upper Kirkgate/Schoolhill area in Aberdeen, while how quickly developments can become dated (and taste change) is demonstrated by the scheme by William Nimmo & Partners for St John's Square, Perth, which replaces "a soundly built shopping/offices/local authority housing development in courtyard form", which was regarded as a showpiece when it was built in 1961 and has now been condemned as "obsolete".

"Will today's shopping centres need to be demolished and redeveloped in 20 years' time?" the exhibition asks.

There is also a caustic comment about the "non-development" of the Mound in Edinburgh, where the Roman booths of the award-winning scheme by Bob Allies and Graham Morrison have still not been built, while £140,000 earmarked by the Public Services Agency for the scheme has mysteriously disappeared. The future of the scheme has also been put at risk by the intervention of Timothy Clifford, recently-appointed director of the National Gallery for Scotland, who says that "we need a new scheme", to which Richard MacCormac has commented, "What Mr Clifford really wants is a coach park". Will the booths go the same way? But the commission does approve of Scott Brownrigg & Turner's £5m refurbishment of John Honeyman's Ca d'Oro on the corner of Union Street and Gordon Street in Glasgow — a building noted for its elegant cast-iron facade — and Reisch & Hall's "glass tent" planned for a site next to St Enoch's Square in Glasgow.

One of the main reasons for the success of the Scottish Enlightenment was that its architects and planners were supported by sophisticated and far-sighted men like George Drummond, financier, politician and visionary, who was largely responsible for financing the New Town, while today the politicians and money men are no longer concerned about what the buildings they are responsible for actually look like.

As Professor Alexander Youngson, chairman of the commission, told me, it seems that we cannot build good buildings today because of a shortage of money, and because financiers are always in a hurry. But he also noted that the public are generally disappointed by what goes up and probably feel powerless to do anything about it. But one exhibition at the festival, that of the regeneration and renovation of the St Stephen Street area in Edinburgh, on view at the New Town Conservation Committee's premises in Dundas Street, shows how some 145 houses and 45 commercial premises can be given new life by the interest and determination of local residents with the help of grants and a housing association. And it should be remembered that the area, known as Edinburgh's own Chelsea, is also a product of the Scottish Enlightenment.

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Glidevale Building & Products Ltd.,
Plymouth Avenue, Brookhill Industrial Estate,
Plymouth, Nottingham NG16 6DX.MALLA
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To lead section teams on major architectural projects.

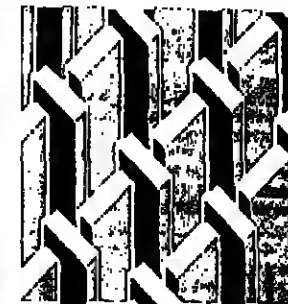
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Two centuries strong and buildingArchitect/
Technician

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Rendell Partnership Developments Limited, part of the newly formed Partnership Division of the Lovell Group, is seeking an Architect/Technician to join the small, professional team at its Eastern regional headquarters in Uckfield. We specialise in working with local authorities to build good housing at competitive prices.

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Please apply in writing to the Personnel and Training Department, Lovell Partnerships Limited, Elm Tree Court, Devizes, Wiltshire or telephone Devizes (0380) 2161 for an application form.

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REQUIRE

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Apply in writing with c.v. to:

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Solon South East is a collectively run housing association building, converting and managing flat rent housing in Southwark and Lewisham.

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We are considering a job sharing policy. We are an equal pay collective and the present salary is £12,500.00 per annum plus dependant allowance, currently under review.

Please write or phone Elsie Sargent for details. Closing date for application is 8th September 1988.

This is a re-advertisement, previous applicants need not apply.

Solon South East Housing Association's stated aim is to be anti-racist and anti-sexist in its policies and practices. All workers are expected to be committed to these policies. We positively welcome applications from members of all racial groups, women, and disabled people. Our offices are not adapted for the use of people with wheelchair disabilities.

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Please apply in writing with an updated CV to:-

Ian Gordon
Human Resources Manager
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require skilled and enthusiastic to work in our main office in Hertfordshire. Ideally you will have design ability and a good knowledge of construction to work on a variety of new and rehab projects.

If you think you meet our requirements or have other qualities, send detailed CV immediately to:

Architects Co-Partnership Limited
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Telephone (0707) 31141

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Please reply in writing with CV to

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for SEIFERT ARCHITECTS

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Bovis Homes Technical Services,
The Coach House,
Castle Bromwich Hall,
Birmingham B36 9DF.

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with minimum 2 years experience.

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SURE ARCHITECTS is a small but busy practice within the Company working on a variety of projects from small repairs to large new build schemes. The practice works mainly on commissions from Housing Associations and Community groups and is a member of ACTAC. We now require the following staff to join our small but busy team working in Birmingham.

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(£12,168.00 — UNDER REVIEW)

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ARCHITECTURAL TECHNICIAN

(£7,713-£8,697 UNDER REVIEW)

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Statham House
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Renton Howard Wood Levin Partnership

RHWL

77 Endell Street
London WC2H 8AJ

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Two Architects with up to 3 years working experience are required to join a major office project team.

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Architect
to start now on drawings for interiors of houses in Greece of a very high standard.
Telephone: Neil Cooke, 01-993 6704

FURNITURE DESIGNER WITH INTERIOR DESIGN AND MODEL MAKING EXPERIENCE
REQUIRES FREELANCE PROJECT
PHONE: 01 609 0384

An interesting opportunity exists for an Architectural Technician to work on the conversion of Listed Historic Buildings. Please reply with C.V. to: Sue Ryder Foundation, Cavendish, Suffolk CO10 8AY.

SENIOR ARCHITECT
with not less than 5 yrs practical experience. Will be required to be involved in some aspects of office administration. A knowledge of computer, computer programming, transportation systems and a Chinese language would be an advantage. Salary commensurate with responsibility. Please write with C.V. to: Perry Architects, 116-118 Gifford Road, London NW3 4BA

THE SCOTTISH CIVIC TRUST ASSISTANT TO TECHNICAL DIRECTOR
Strong interest in Scottish architectural history, a sound knowledge of building structures, practice, environment design and planning, are required. Appointment initially for 2 years. Salary around £20,000 p.a.
Applicants with C.V. and names of referees to: The Scottish Civic Trust, 84 George Square, Glasgow G2 7JF. To arrive by 26 September

WEST COUNTRY PRACTICE
with offices in Somerset and Dorset requires
ARCHITECT
with minimum of 3 years experience in private practice.
with minimum of 5 years experience for work on interesting variety of projects.
Details to: Crickmay Partnership, Court Ash House, Yeovil BA20 1HG

PERRY ASSOCIATES OXFORD
have vacancy for
ARCHITECT
with minimum of 3 years post graduate experience. Apply with C.V. to: K J Perry, Perry Associates, 10 Tum Aglin Lane, Oxford OX1 1Q3

HUGH WILSON & LEWIS WOMERSLEY
Architect & Town Planners
require in their Edinburgh office
ARCHITECTURAL TECHNICIANS
to assist in the preparation of production information. A thorough knowledge of building construction is required.
Please apply in writing including C.V. to: 24 Annandale Street, Edinburgh, EH7 6AN.

amsa
SECRETARIAL AND ADMINISTRATIVE STAFF
For Permanent and Temporary Appointments
Architectural Management and Secretarial Agency
Specialist Recruitment Consultants 01 734 0632

A Young Assistant
of intermediate standard will enjoy working on housing and commercial projects in a small but energetic and lively architectural practice in Cambridge.
If you are interested in gaining sound experience in a capable building team, please apply with an outline C.V. and present salary level to: Gordon Field, 28 Field Road, Cambridge CB5 1UP

AS
01 541 1811
ARCHITECTS & TECHNICIANS
PERMANENT & CONTRACT LONDON & SURREY
ATS International Recruitment Ltd, 73 Burlington Road, Kingston, Surrey KT1 5HG

Pinner, Middx.
A small, but busy office requires an Assistant/Technician capable of undertaking working drawings and site supervision.
Applicants to apply with C.V. to: Simpson & North, 8 Chapel Lane, Pinner, Middlesex HA5 3AA or telephone 01-848 0968/7 for an appointment

ROSHAW RICHMOND require
1 ARCHITECTURAL ASSISTANT/ARCHITECT fluent in the use of GDS CAD.
1 ARCHITECTURAL ASSISTANT/ARCHITECT fluent in the use of GDS CAD.
Both of the above positions will be for persons willing to work on their own initiative. Apply: Steve Gabbott, 01 434 4473/6, 49/50 Great Marlborough Street, London W1

OFFICES TO LET
SHOREDITCH STUDIO
Spaces available in shared designers studio in EC2. Newly refurbished, all facilities provided, excellent light.
Tel: 01-377 2777

Build Yourself an Exciting Career

Atkins Sheppard Fidler and Associates are looking to expand their architectural team to undertake a number of interesting new projects. We need creative, self-motivated people to join our team - In particular:-

Architects and Graduates

Either recently qualified or with 2-3 years experience who have RIBA Part 2 or 3.

Architectural Technicians

with 2-3 years experience and HNC or equivalent.

Our recent projects include:-
The buildings for Docklands Light Railway
National Garden Festival, Sloe-on-Trent
Relubrication at Chatham Dockyard
New and Relubricated offices, Epsom Town Centre
Sheltered Housing, Epsom
King Fahad Medical City, Riyadh
Selby Coalfield
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We can offer you:-
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- the opportunity to exercise your creative skills to the full
- work at home and abroad
- design and also experience
- a salary to match your ability

If you would like to discuss the possibilities further please telephone Epsom (03727) 2266, Extension 2728, or send your C.V. to: Mrs K.A. Jackson, Atkins Sheppard Fidler and Associates, Woodcote Grove, Ashley Road, Epsom, Surrey KT15 5BW.

Atkins Sheppard Fidler and Associates

Montrose Architecture
PROJECT ARCHTS - Freshwater 2 or 3
ARCH TECHS - Colchester 8 or 9
ARCH ARCHTS - Cambridge 1 unit
TOP QUALITY RATES immediate interviews, immediate start
01-475 6528
81 Cromwell Road, Heston TW1 4PB
Recruitment Consultants

Channel Island Practice require
ARCHITECT
A position is available for an enthusiastic and competent Architect with several years experience to join a small practice involved with a wide variety of work. Accommodation is available for single person but the job is not restricted to such.
Please write or telephone to:- John H. Richards RIBA, 17 La Motte Street, St. Helier, Jersey. Tel: 0534 38635

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RECRUITMENT CONSULTANTS
CONTRACT ARCHITECTS/TECHNICIANS
CENTRAL LONDON RATES £5-10 P.h.
Ring Tim Loftus or Steve McAllister, Tel: 01-828 6994
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Unit Homes require an experienced Designer/Technician to join our design team at Reigate.
This is a unique opportunity for a person who has worked within the Private Housing Sector and who must have experience in residential layout design from viability sketch layouts to full planning submission together with an ability to prepare detailed working drawings to building regulation and NHBC Standards.
This is a challenging and responsible position for someone who is seeking career advancement within a successful, expanding company.
Salary by negotiation, 4 weeks holiday, BUPA and company car will be offered to the right candidate. Re-location expenses considered in suitable cases.
Please apply in writing with full C.V. to: N Twine, Design Manager, Unit Homes, Unit House, 33 London Road, Reigate, Surrey RH2 9HZ

TP BENNETT PARTNERSHIP
NEW PROJECTS: NEW TEAMS
The T P Bennett Partnership has new opportunities for self motivating, ambitious Architectural Technicians who are MBIAT with at least 7 years post qualification experience.
Please send C.V. to:- Gordon Bishop MBIAT, Associates, T P Bennett Partnership, 262 High Holborn, London WC1V 7DU

DAVID HICKS INTERNATIONAL
DAVID HICKS INTERNATIONAL is a rapidly expanding interior design practice specialising in creating high quality interiors for hotels, restaurants, offices, showrooms and houses both in the UK and overseas.

We need two
QUALIFIED ARCHITECTS
DESIGN ARCHITECT who has considerable experience of refurbishment and on interior design, and floor for interior design.
SITE ARCHITECT who understands high quality interiors, who has a sound knowledge of building techniques and a minimum of 10 years site experience.
We can offer the opportunity to work on a wide variety of projects in the UK and overseas. Salaries are competitive and negotiable according to experience.
Please write with a full CV to me, Dudley, Operations manager, David Hicks International, 8/9 South Bank Business Centre, London SW8

app london
SITE ARCHITECT DARLINGTON
APPLONDON, the architects appointed for the new central area redevelopment of Darlington, wish to invite applications for the post of Resident Architect for this major new retail project.
Applicants should be qualified architects, have at least five years on-site experience at a senior level of responsibility on major construction projects, and a working knowledge of the design and contract administration of a variety of retail schemes.
The person appointed must be prepared to commit themselves to a service contract of at least 3 years, including a period of several months in the Architect's London Office.
Whilst the advertised appointment is primarily for this project, it is anticipated that, by agreement, it would be possible to extend employment with the practice to assist with a growing workload commitment in the North East.
Please apply in writing with full C.V. and references to Brian Rickard, RIBA, Partner, APP London, 38 Park Street, London W1Y 3PF.

"WE WANT YOU"
Building Surveyor (Manchester area)
To avoid mental and physical breakdown of existing staff, a building surveyor is urgently required to join a small hard working property department dealing with refurbishments and maintenance of an estate of licensed premises throughout the North of England.
Applicants require sound knowledge of construction with ability to identify building defects and produce specifications of work required. Other duties include inspecting and surveying properties, supervision of maintenance work including minor capital works. Good salary offered, company car, pension scheme and other fringe benefits.
Handwritten applications to be marked confidential and sent with full C.V. to Box No. 4869, C/O Building Design Council, 30 Calverley Street, London SE18 6QH.

M.W.T. ARCHITECTS
One of the largest practices in the UK requires
Qualified Architects and a
Senior Technician
with a minimum of 5 years experience to be involved with a varied and expanding workload at its lively Ipswich office.
These positions offer an excellent remuneration package and opportunities for career development in return for enthusiasm and responsibility.
Please telephone Amanda Etheridge on 0473 213867 for an application form.

ARCHITECTURAL TECHNICIAN
required by small but busy practice in St Albans. Freelance person preferred, with sound drawing ability and sound knowledge of building construction. Hours and rates of pay negotiable. For further details please telephone St Albans (0767) 21993 or 0454 26977 (evenings)

BROADWAY & MALYAN
are seeking enthusiastic staff for the following vacancies in our Weybridge office.
ARCHITECTS
we require creative designers to be involved in a variety of exciting new commercial, housing and retail projects.
CONSERVATION ARCHITECTS & TECHNICIANS
to work with our other historic building experts on the conservation of buildings.
TECHNICIANS
Senior & Junior Technicians are required to work on a number of existing and new commercial and housing schemes.
Fringe benefits and salaries by negotiation.
Please write with C.V. to: Richard Manthorpe, Broadway & Malyan, Osprey House, Station Road, Addlestone, Surrey KT1 5BH

SENIOR ARCHITECTURAL ASSISTANTS AND TECHNICIANS
Established and active practice requires enthusiastic talented and experienced assistants, to work on a variety of contracts. Salary by negotiation and commensurate with ability. Apply in writing, with C.V. and examples of recent work.
GUTTERIDGE WOODFORD CHAMBERS
Chartered Architects, Town Planners
48 Westwood Road, Southampton SO9 2RA

ERIC COLE & PARTNERS
Cardiff, Cirencester, Swindon & Cheltenham
office require experienced
ARCHITECTURAL TECHNICIANS
Applicants should have at least 5 years experience and hold BIAF or equivalent.
Applications with C.V. initially, stating office preference to: C J Froggatt, Phoenix House, Phoenix Way, Cirencester, Gloucestershire

PUBLIC SECTOR APPOINTMENTS

LONDON BOROUGH OF TOWER HAMLETS
An Equal Opportunity Employer
Directorate of Development
ARCHITECTURAL ASSISTANT
Career up to £13,685 Ref: 181/511065/BD
The Architects Department is looking for enthusiastic technicians, assistants and architects to carry out a wide range of projects, which include both refurbishment and new build housing, extensions to social services buildings, depots and leisure facilities, a large programme of decentralised neighbourhood offices and environmental improvement work.
The Council is decentralising its services and all offers of appointments are made on the understanding that job location, duties and responsibilities are liable to change.
Applications for the above posts are invited from qualified and experienced persons. Application forms and job descriptions may be obtained from the Personnel Reception Unit, 1st Floor, 100, Pall Mall, London W1A 1PL, or telephone our answering service on 01 6077.
Please quote job title and experience. Completed forms must be returned by 22.9.88.
Applications are considered on their suitability for the post(s), regardless of sex, sexual orientation, religion, racial origin, marital status, disablement or age.

Borough of Torfaen
TECHNICAL SERVICES DEPT.
PRINCIPAL ARCHITECT
P.O. 37-40 (£12,513 - £13,662)
Applications are invited for this post in the Architect's Division of the Technical Services Department of the Authority.
The successful candidate will be directly responsible to the Architect. The major workload relates to new build and renovation of housing, and industrial projects, but the division also deals with the building programme of all Committees. The Council is looking for candidates with enthusiasm, flair for design ability to motivate staff and determination to meet programmed commitments.
The post is based in Cwmbran, Gwent, and benefits include essential car user allowances and certain re-location expenses and lodging allowances.
For an informal discussion about this post please contact Mr. D. Heathcote, Borough Architect (08333) 67791 ext. 2240.
Application forms and further details may be obtained from the Personnel Department, Gwent House, Cwmbran (telephone Cwmbran 87781 exts. 285/286), to which completed applications should be returned not later than 19th September 1988.
IN THE INTERESTS OF ECONOMY, THE RECEIPT OF APPLICATION FORMS WILL NOT BE ACKNOWLEDGED.

DARTFORD Borough Council
ARCHITECTURAL ASSISTANT
£10,290-£10,943 incl. (Pay Award pending)
We are looking for an experienced and enthusiastic Architectural Assistant to work on a varied programme of New Build, Sheltered Housing and Housing Improvement Schemes within the New Build Group. A good design standard has been set and the postholder will be expected to run contracts.
Minimum HNC (Building) qualification or equivalent is required and at least 8 years' experience in an architect's office is essential.
A relocation scheme is in operation, and assistance with removal expenses will be provided where appropriate.
Further details from Mr. Havas on Dartford 343272.
Job Description and application form, returnable by 13 Sept, are available from Personnel Section: Civic Centre, Home Gardens, Dartford, Kent; OAI 10R. Telephone Dartford 343497 (24 hour answering machine).

BARRETT LLOYD-DAVIS ASSOCIATES require
JOB ARCHITECTS
We are looking for talented enthusiastic Architects capable of taking responsibility and making things happen. Must have proven design ability.
ARCHITECTURAL TECHNICIANS
Young experienced Technicians to form small fast-track teams to work on a number of new projects.
In return we offer good salaries and prospects, an exciting environment and the chance to be involved in a number of unusual residential, commercial and retail projects.
C.V.'s as soon as possible to:- David Lloyd-Davis, Barrett Lloyd-Davis Associates, 134, Lots Road, SW10 0RU.

LEWIS & HICKEY
would be glad to receive applications from
DESIGNERS & TECHNICAL ASSISTANTS
Please write with C.V. to: Lewis & Hickey Architects, 18 Fritham Road, Guildford GU1 4XA

PLANNING ASSISTANT (Landscape)
£7,593-£10,284 p.a. inc.
Required for the Urban Design Team of the Forward Planning Group, to provide specialist landscape advice to the Development Control Group and to design and promote environmental schemes throughout the Borough.
Applicants should be qualified in landscape design and have a keen interest in the urban environment. Participation in the heavy workload of the team as a whole will be essential.
Commencing salary will be dependent upon qualifications and experience.
Application forms and further information available from the Head of Planning Department of Development, London Borough of Croydon, Taberner House, Park Lane, Croydon CR9 1JT. Tel. No. 01-888 4433 extn. 2217.
Closing date: 15 September 1988.

CROYDON
An equal opportunity employer

County of Cleveland
PLANNING DEPARTMENT
Landscape Architect
Career Grade: £5,550 - £11,604 (Pay Award pending)
A qualified and experienced landscape architect is required in the landscape group of the County Planning Department. The group provides a wide range of professional skills, a countywide landscape design and supervisory service.
The extensive work programme is interesting and varied, including housing, industrial, highway, recreation and environmental improvement projects.
Applications are invited from enthusiastic professionals capable of working as part of a multi-professional team and who can work with minimum supervision and to tightly controlled work programmes.
The salary offered will be dependent upon qualification and experience although it is envisaged that the successful applicant will already have completed a year's practical experience after having obtained the Final examinations of the Landscape Institute.
Assistance with removal and relocation expenses will be available in approved cases. Temporary housing accommodation may also be available within the county area.
Further details, Job Description and Application forms are available from Greg Watson on Middlesbrough (0842) 248155 ext. 2422 or by writing to the County Planning Officer, Gurney House, Gurney Street, Middlesbrough, Cleveland TS1 1QT. The closing date for applications is Friday, 12th September, 1988.
We are an equal opportunities employer. Job sharing arrangements will be considered and all applicants who have the support of the Disability Resettlement Officer will be granted an interview.

PUBLIC SECTOR APPOINTMENTS

MORE APPOINTMENTS ON BACK COVER